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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3 MAR 16 CASREACT coverage extended
NEWS 4 MAR 20 MARPAT now updated daily
NEWS 5 MAR 22 LWPI reloaded
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/CAPplus enhanced with 1870-1889 U.S. patent records
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/CAPplus Indian patent publication number format defined
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 17 MAY 21 CA/CAPplus enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/CAPplus enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/CAPplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 8.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 LMEDLINE coverage updated
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
NEWS 25 JUL 02 CHEMCATS accession numbers revised
NEWS 26 JUL 02 CA/CAPplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:15:38 ON 11 JUL 2007

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

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Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:15:50 ON 11 JUL 2007

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STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

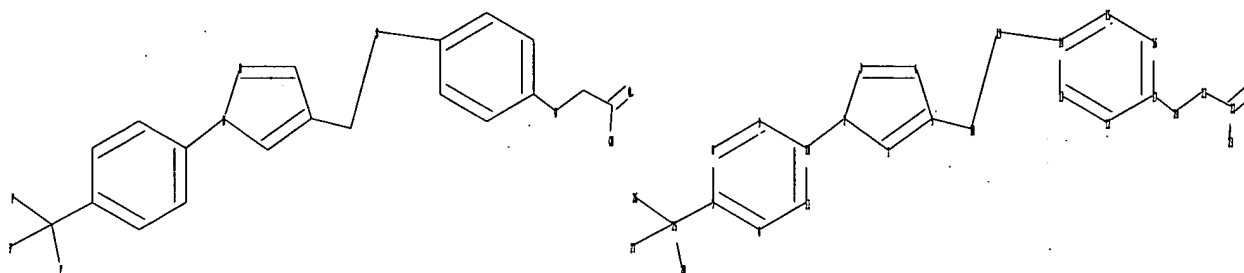
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10537282.str



chain nodes :

18 19 20 21 22 23 24 25 26 27 28

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-10 5-18 7-25 14-19 17-20 18-19 20-21 21-22 22-23 22-24 25-26 25-27
25-28

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 2-3 2-10 3-4 14-19 17-20 18-19 20-21

exact bonds :

1-5 4-5 5-18 7-25 21-22 25-26 25-27 25-28

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17 22-23
22-24

isolated ring systems :

containing 1 : 6 : 12 :

Match level :

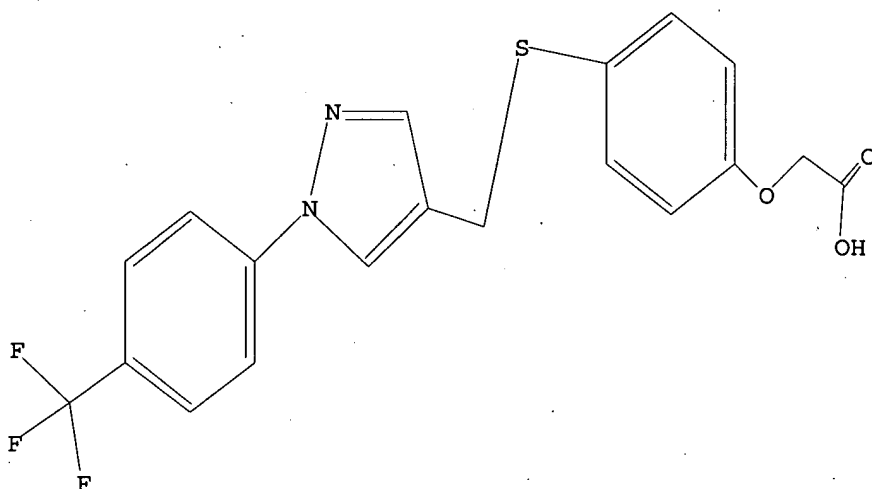
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 15:16:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> S L1 SSS FULL

FULL SEARCH INITIATED 15:16:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS
SEARCH TIME: 00.00.01

21 ANSWERS

L3 21 SEA SSS FUL L1

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.10	172.31

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 15:16:19 ON 11 JUL 2007
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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3
L4

2 L3

=> d l4 ibib abs hitstr tot

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:606448 HCAPLUS

DOCUMENT NUMBER: 141:157111

TITLE: Preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders

INVENTOR(S): Conner, Scott Eugene; Ma, Tianwei; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Schkeryantz, Jeffrey Michael; Warshawsky, Alan M.; Zhu, Guoxin

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 214 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

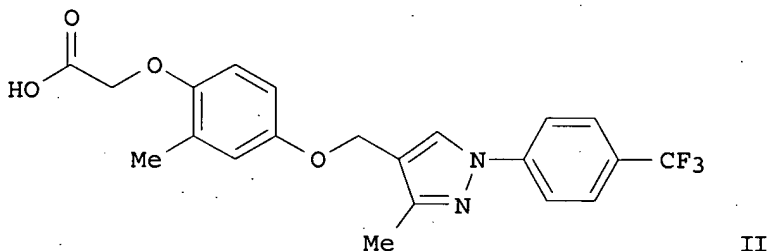
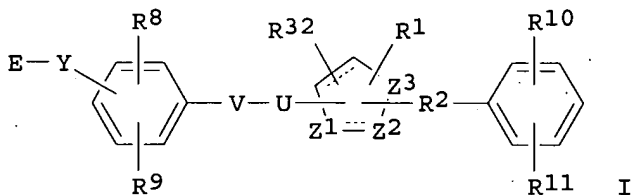
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063166	A1	20040229	WO 2003-US39119	20031231
WO 2004063166	A8	20050303		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003296404	A1	20040810	AU 2003-296404	20031231
EP 1585733	A1	20051019	EP 2003-815195	20031231
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, BG, CZ, EE, HU, SK			
US 2006241157	A1	20061026	US 2005-540341	20050621
PRIORITY APPLN. INFO.:			US 2003-438563P	P 20030106
			WO 2003-US39119	W 20031231

OTHER SOURCE(S) :
GI

MARPAT 141:157111

GI



AB Title pyrazoles, imidazoles, and (is)oxazoles I [wherein R1 = H, (un)substituted alkyl, alkenyl, (hetero)aryl(alkyl), arylheteroalkyl, cycloalkylaryl(alkyl); R2 = absent, (hetero)alkyl; R8 = H, alkyl, alkylenyl, halo; R9 = H, (un)substituted alkyl, alkylenyl, halo, aryl(alkyl), heteroaryl, allyl, alkoxy, alkylthio, etc.; R10, R11 = independently H, OH, CN, NO2, halo, oxo, (un)substituted (halo)alkyl, alkoxy, cycloalkyl, (hetero)aryl(alkyl), cycloalkylaryl(alkyl), aryloxy, acyl, carboxy, amino, sulfamoyl, etc.; R32 = bond, H, halo, (halo)alkyl, alkylxoy; E = (un)substituted carboxy(methyl), tetrazolyl(methyl), nitriloalkyl, carboxamido(methyl), sulfonamido(methyl); U = (un)substituted aliphatic linker wherein one C of the linker is optionally replaced with O, NH, or S; X = bond, O, S, SO2, NH; Y = bond, CH2, NH; Z1, Z2 = independently N, O, C, with the proviso that at least one of Z1 and Z2 = N; Z3 = N, O, C; or stereoisomers, pharmaceutically acceptable salts, solvates, and hydrates thereof] were prepared as peroxisome proliferator activated receptor (PPAR) modulators (no data). For example, chlorination of [3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methanol with MeSO2Cl and TEA in CH2Cl2, followed by coupling with (4-hydroxy-2-methylphenoxy)acetic acid Me ester using Cs2CO3 in acetonitrile and saponification

with NaOH in MeOH provided II. I and their pharmaceutical compns. are expected to be effective in treating and preventing metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders (no data).

IT 728913-38-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-39-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-46-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728913-47-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728914-62-3P, (R)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-

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methylphenoxy]acetic acid 728914-63-4P, (S)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid

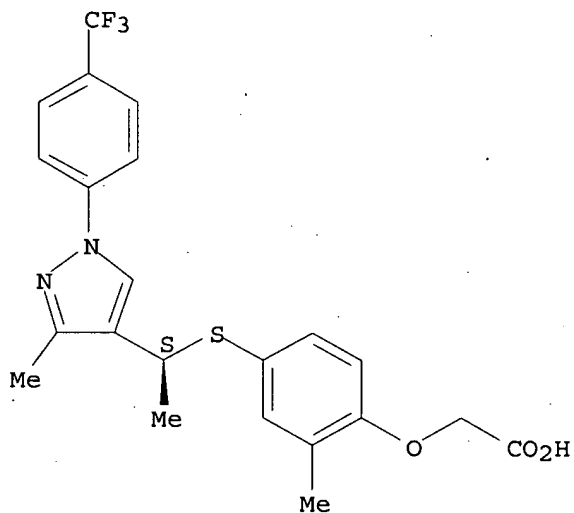
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

RN 728913-38-0 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

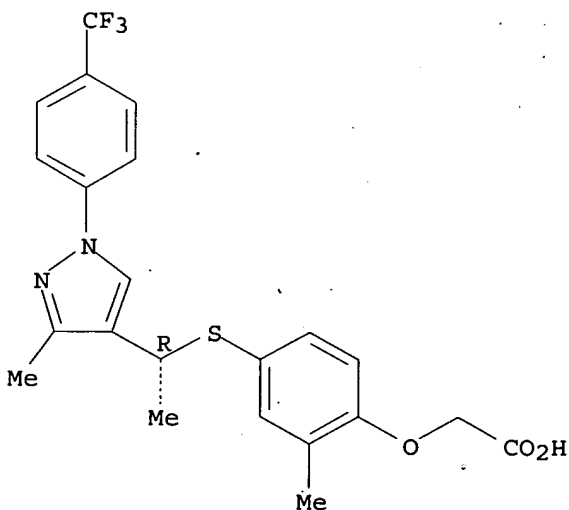
Absolute stereochemistry.



RN 728913-39-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

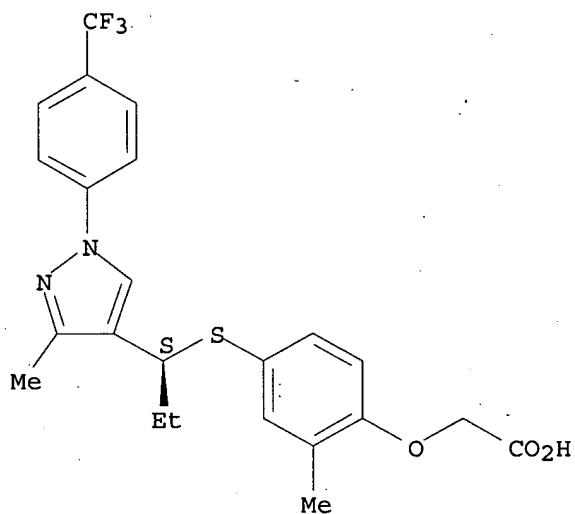


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RN 728913-46-0 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]-(9CI) (CA INDEX NAME)

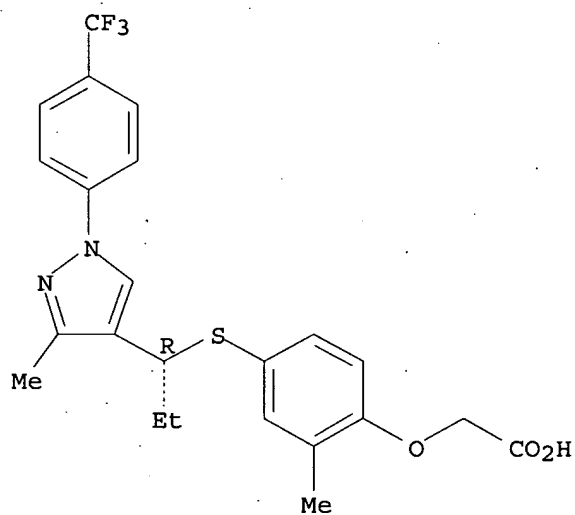
Absolute stereochemistry.



RN 728913-47-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]-(9CI) (CA INDEX NAME)

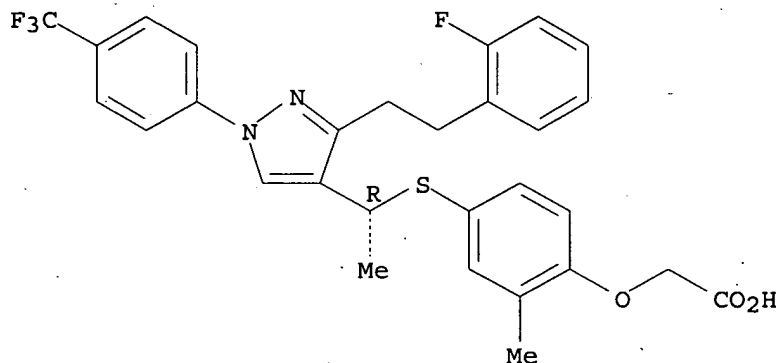
Absolute stereochemistry.



RN 728914-62-3 HCAPLUS

CN Acetic acid, [4-[[[(1R)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

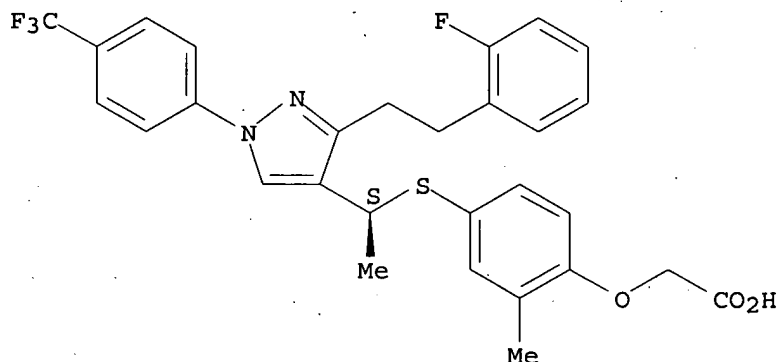
Absolute stereochemistry.



RN 728914-63-4 HCAPLUS

CN Acetic acid, [4-[[[(1S)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 728913-22-2P, [2-Methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
 728913-36-8P, [2-Methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]acetic acid
 728913-52-8P, [4-[[[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-92-6P, [4-[[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-94-8P, [4-[[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-05-4P, [2-Methyl-4-[[[1-methyl-1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
 728914-08-7P, [4-[[[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-14-5P, [4-[[[1-[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]-1-methylethyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-19-0P, [4-[[[1-[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-30-5P, 2-Methyl-2-[2-methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]propionic acid
 728914-46-3P, [4-[[[3-tert-Butyl-5-chloro-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-48-5P, [4-[[[3-tert-Butyl-1-(4-

trifluoromethylphenyl)-1H-pyrazol-4-yl)methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-49-6P, [4-[[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-51-0P, [4-[[[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl)methyl]sulfanyl]-2-methylphenoxy]acetic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

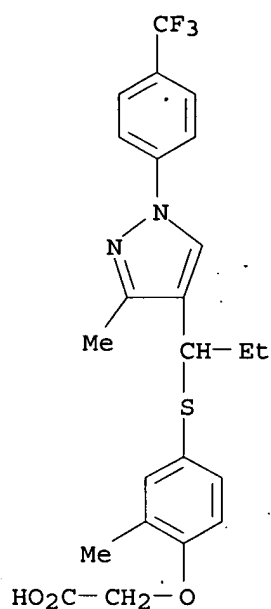
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RN 728913-36-8 HCAPLUS

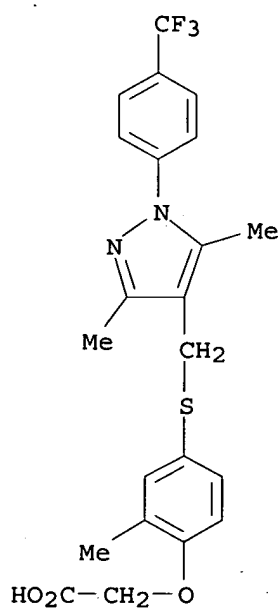
Page 10

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RN 728913-52-8 HCAPLUS

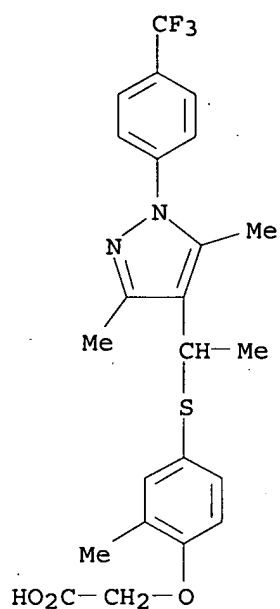
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RN 728913-92-6 HCAPLUS

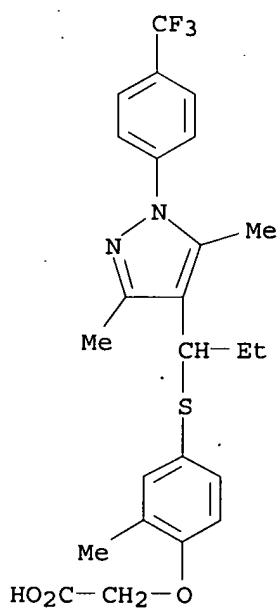
CN Acetic acid, [4-[[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

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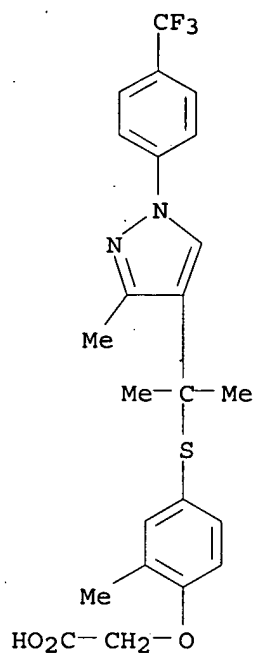
RN 728913-94-8 HCAPLUS

CN Acetic acid, [4-[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



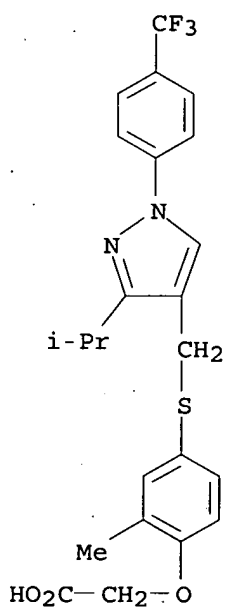
RN 728914-05-4 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]-(9CI) (CA INDEX NAME)



RN 728914-08-7 HCAPLUS.

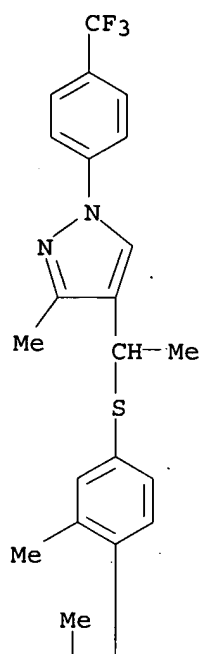
CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



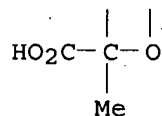
RN 728914-14-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[1-methyl-1-[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

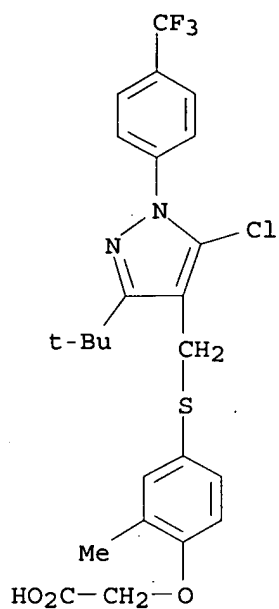
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PAGE 2-A

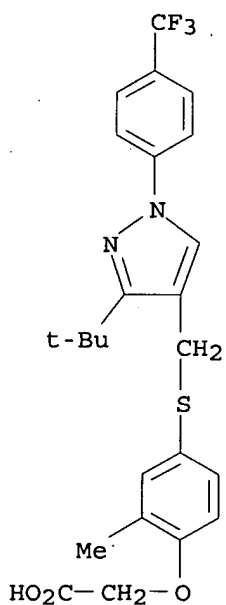


RN 728914-46-3 HCAPLUS
 CN Acetic acid, [4-[[[5-chloro-3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



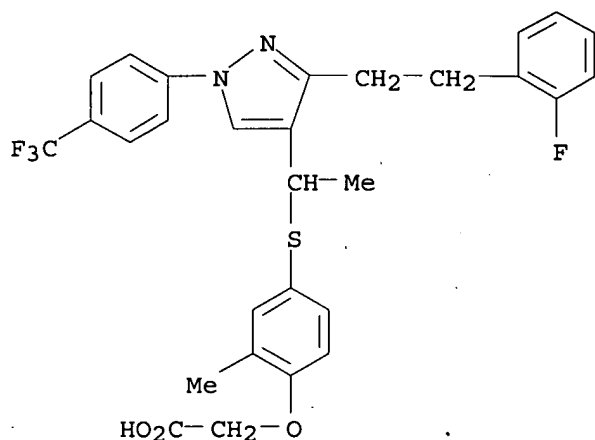
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CN Acetic acid, [4-[[[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

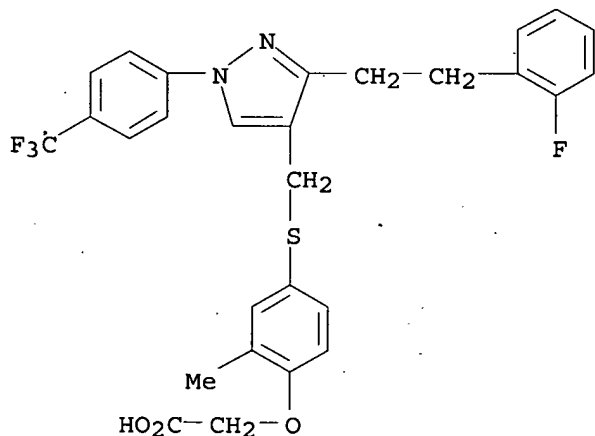


RN 728914-49-6 HCAPLUS

CN Acetic acid, [4-[[[1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



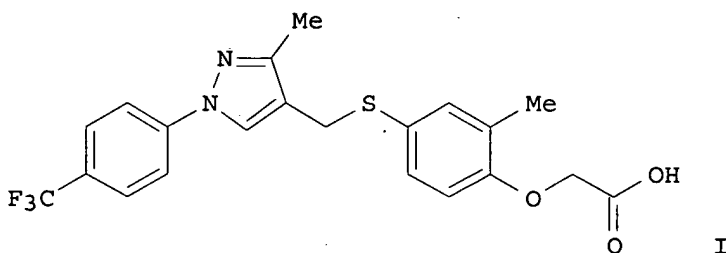
RN 728914-51-0 HCAPLUS
 CN Acetic acid, [4-[[[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:606447 HCAPLUS
 DOCUMENT NUMBER: 141:157110
 TITLE: Preparation of a pyrazole as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders
 INVENTOR(S): Conner, Scott Eugene; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Zhu, Guoxin
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063165	A1	20040729	WO 2003-US39117	20031231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003296401	A1	20040810	AU 2003-296401	20031231
EP 1583746	A1	20051012	EP 2003-815193	20031231
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2007043220	A1	20070222	US 2005-537282	20050531
PRIORITY APPLN. INFO.:			US 2003-438563P	P 20030106
			WO 2003-US39117	W 20031231

GI



AB The present invention is directed to a compound, [2-methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid (I), and pharmaceutically acceptable salts, solvates, and hydrates thereof for use as a peroxisome proliferator activated receptor (PPAR) modulator. Examples include three synthetic methods for the preparation of I, as well as protocols and some data for biol. assays. For instance, I was prepared by alkylation of (4-mercapto-2-methylphenoxy)acetic acid Et ester with 4-chloromethyl-3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazole using Cs2CO3 in acetonitrile, followed by saponification with NaOH in MeOH. In

binding

studies, I activated huPPAR δ , PPAR α , and PPAR γ with EC50 values of 20 nM, 1800 nM, and 2600 nM, resp. Thus, I and its pharmaceutical compns. are expected to be effective in treating and preventing diabetes mellitus, cardiovascular disorders, inflammatory conditions, and other disorders (no data).

IT 728043-46-7P, [2-Methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid

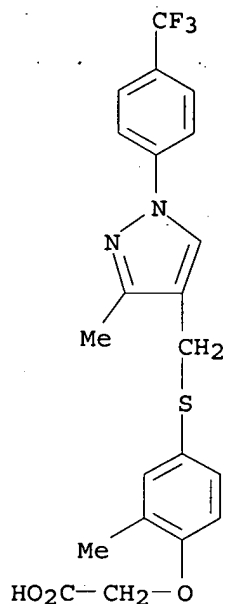
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PPAR δ modulator; preparation of a [(pyrazolylmethyl)sulfanyl]phenoxy]acetic acid as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders)

RN 728043-46-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3-methyl-1-(4-(trifluoromethyl)phenyl)-1H-

pyrazol-4-yl[methyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

18.34

190.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.56

-1.56

FILE 'REGISTRY' ENTERED AT 15:18:05 ON 11 JUL 2007

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STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

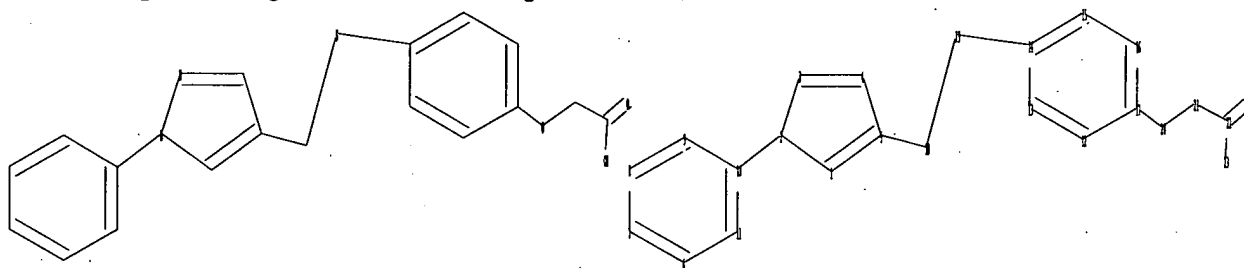
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

10537282.trn

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10537282a.str



chain nodes :

18 19 20 21 22 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-10 5-18 14-19 17-20 18-19 20-21 21-22 22-23 22-24

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 2-3 2-10 3-4 14-19 17-20 18-19 20-21

exact bonds :

1-5 4-5 5-18 21-22

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17 22-23
22-24

isolated ring systems :

containing 1 : 6 : 12 :

Match level :

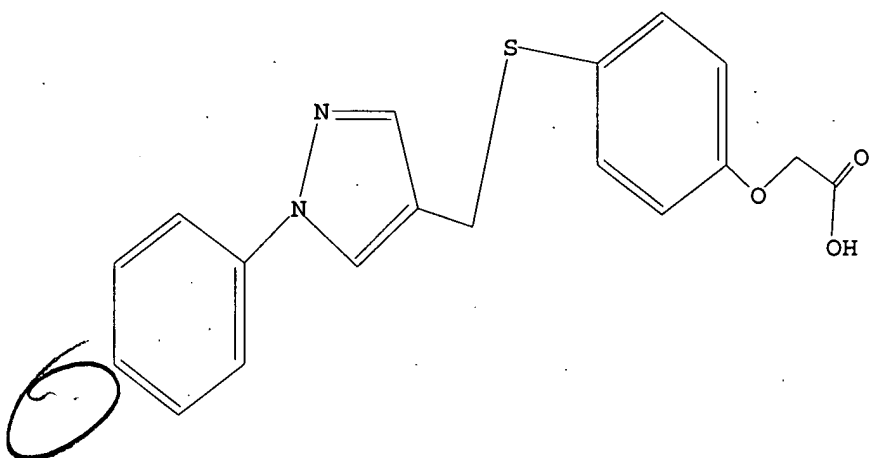
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 15:18:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 sss full

FULL SEARCH INITIATED 15:18:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 75 TO ITERATE

100.0% PROCESSED 75 ITERATIONS
SEARCH TIME: 00.00.01

27 ANSWERS

L7 27 SEA SSS FUL L5

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.10	362.75

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.56

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 15:18:38 ON 11 JUL 2007

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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7

L8

2 L7

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.20	367.95

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.56

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 15:19:35 ON 11 JUL 2007
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STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5
DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

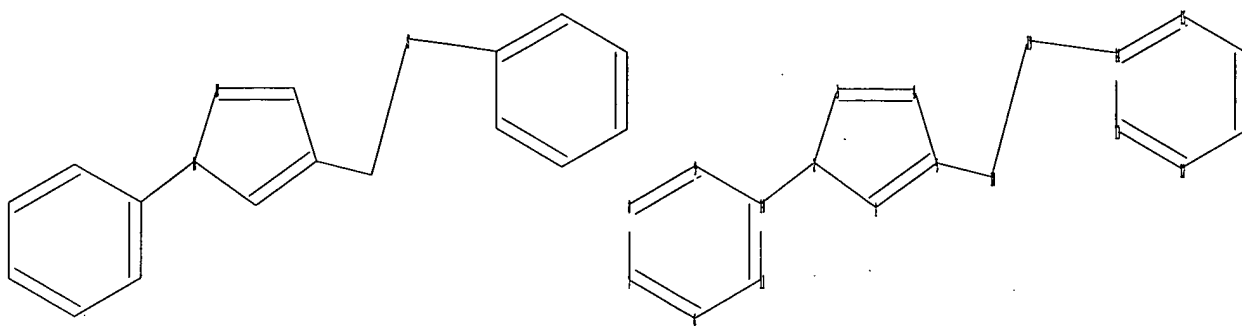
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10537282b.str



chain nodes :

18 19

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-10 5-18 14-19 18-19

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 2-3 2-10 3-4 14-19 18-19

exact bonds :

1-5 4-5 5-18

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17

isolated ring systems :

containing 1 : 6 : 12 :

Match level :

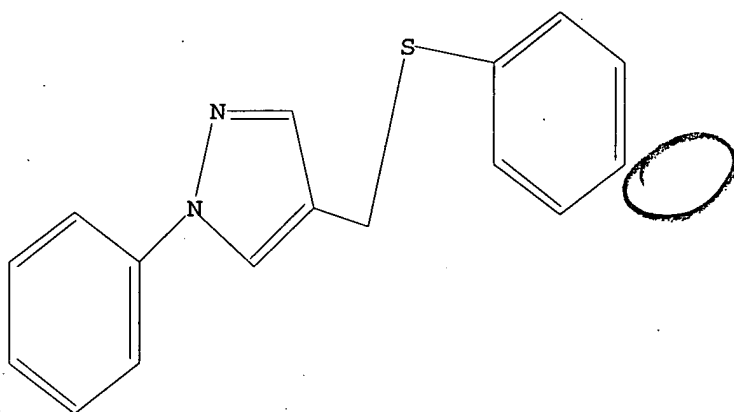
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS

L9 STRUCTURE UPLOADED

=> d 19

L9 HAS NO ANSWERS

L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 19

SAMPLE SEARCH INITIATED 15:19:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 33 TO 447
PROJECTED ANSWERS: 6 TO 266

L10 6 SEA SSS SAM L9

=> s 19 sss full

FULL SEARCH INITIATED 15:19:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 415 TO ITERATE

100.0% PROCESSED 415 ITERATIONS
SEARCH TIME: 00.00.01

183 ANSWERS

L11 183 SEA SSS FUL L9

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.10	540.05

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.56

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 15:20:04 ON 11 JUL 2007
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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

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=> d his

(FILE 'HOME' ENTERED AT 15:15:38 ON 11 JUL 2007)

FILE 'REGISTRY' ENTERED AT 15:15:50 ON 11 JUL 2007

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 21 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:16:19 ON 11 JUL 2007

L4 2 S L3

FILE 'REGISTRY' ENTERED AT 15:18:05 ON 11 JUL 2007

L5 STRUCTURE UPLOADED

L6 0 S L5

L7 27 S L5 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:18:38 ON 11 JUL 2007

L8 2 S L7

FILE 'REGISTRY' ENTERED AT 15:19:35 ON 11 JUL 2007

L9 STRUCTURE UPLOADED

L10 6 S L9

L11 183 S L9 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:20:04 ON 11 JUL 2007

=> s l11

L12 16 L11

=> s l12 and py<=2003

23933293 PY<=2003

L13 12 L12 AND PY<=2003

=> s l13 and p/dt

5783944 P/DT

L14 7 L13 AND P/DT

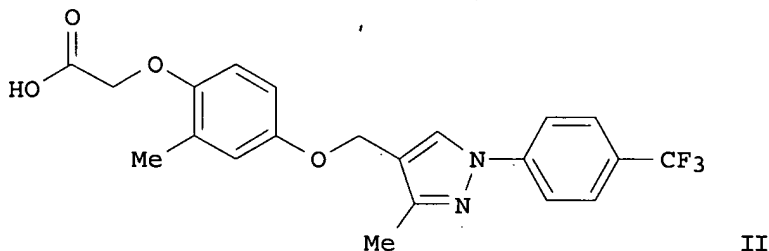
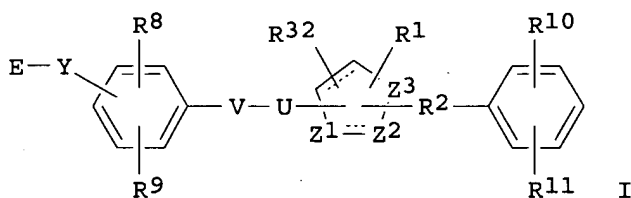
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L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:606448 HCAPLUS

10537282.trn

DOCUMENT NUMBER: 141:157111
TITLE: Preparation of pyrazoles and analogs as PPAR
modulators for treatment of metabolic disorders,
diabetes mellitus, atherosclerosis, and cardiovascular
disorders
INVENTOR(S): Conner, Scott Eugene; Ma, Tianwei; Mantlo, Nathan
Bryan; Mayhugh, Daniel Ray; Schkeryantz, Jeffrey
Michael; Warshawsky, Alan M.; Zhu, Guoxin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 214 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063166	A1	20040728	WO 2003-US39119	20031231
WO 2004063166	A8	20050303		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003296404	A1	20040810	AU 2003-296404	20031231
EP 1585733	A1	20051019	EP 2003-815195	20031231
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, BG, CZ, EE, HU, SK			
US 2006241157	A1	20061026	US 2005-540341	20050621
PRIORITY APPLN. INFO.:			US 2003-438563P	P 20030106
			WO 2003-US39119	W 20031231
OTHER SOURCE(S):	MARPAT 141:157111			
GI				



AB Title pyrazoles, imidazoles, and (is)oxazoles I [wherein R1 = H, (un)substituted alkyl, alkenyl, (hetero)aryl(alkyl), arylheteroalkyl, cycloalkylaryl(alkyl); R2 = absent, (hetero)alkyl; R8 = H, alkyl, alkylenyl, halo; R9 = H, (un)substituted alkyl, alkylenyl, halo, aryl(alkyl), heteroaryl, allyl, alkoxy, alkylthio, etc.; R10, R11 = independently H, OH, CN, NO₂, halo, oxo, (un)substituted (halo)alkyl, alkoxy, cycloalkyl, (hetero)aryl(alkyl), cycloalkylaryl(alkyl), aryloxy, acyl, carboxy, amino, sulfamoyl, etc.; R32 = bond, H, halo, (halo)alkyl, alkylxo; E = (un)substituted carboxy(methyl), tetrazolyl(methyl), nitriloalkyl, carboxamido(methyl), sulfonamido(methyl); U = (un)substituted aliphatic linker wherein one C of the linker is optionally replaced with O, NH, or S; X = bond, O, S, SO₂, NH; Y = bond, CH₂, NH; Z1, Z2 = independently N, O, C, with the proviso that at least one of Z1 and Z2 = N; Z3 = N, O, C; or stereoisomers, pharmaceutically acceptable salts, solvates, and hydrates thereof] were prepared as peroxisome proliferator activated receptor (PPAR) modulators (no data). For example, chlorination of [3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methanol with MeSO₂Cl and TEA in CH₂Cl₂, followed by coupling with (4-hydroxy-2-methylphenoxy)acetic acid Me ester using Cs₂CO₃ in acetonitrile and saponification with NaOH in MeOH provided II. I and their pharmaceutical compns. are expected to be effective in treating and preventing metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders (no data).

IT 728913-38-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-39-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-46-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728913-47-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728914-62-3P, (R)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-63-4P, (S)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study);

10537282.trn

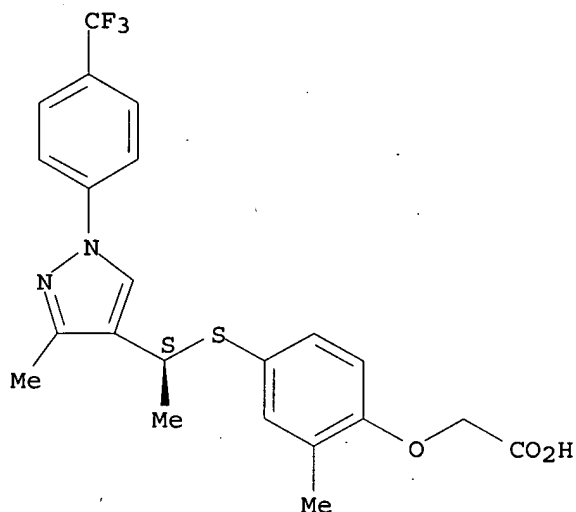
PREP (Preparation); USES (Uses)

(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

RN 728913-38-0 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

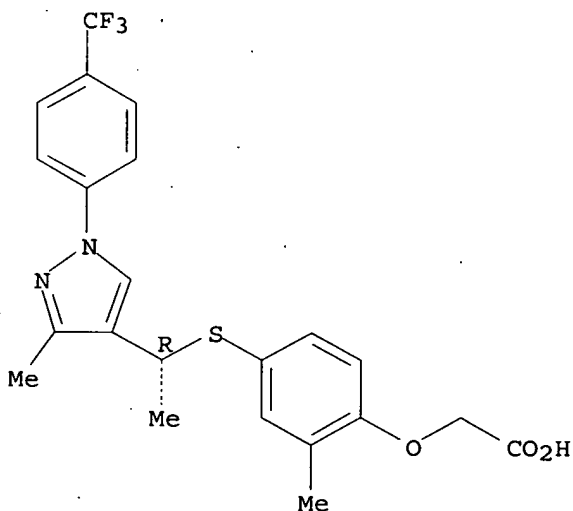
Absolute stereochemistry.



RN 728913-39-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

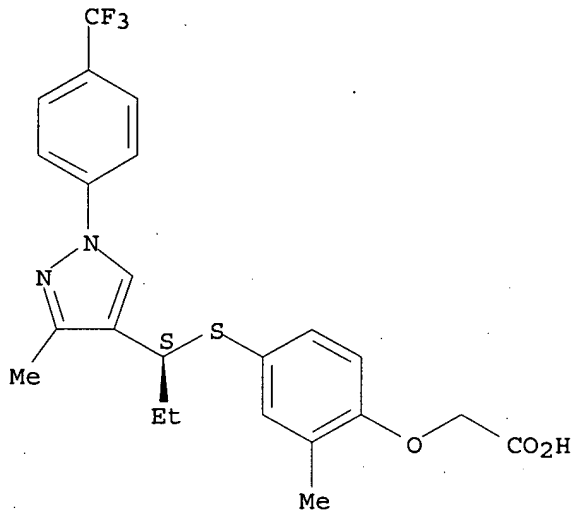


RN 728913-46-0 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

10537282.trn

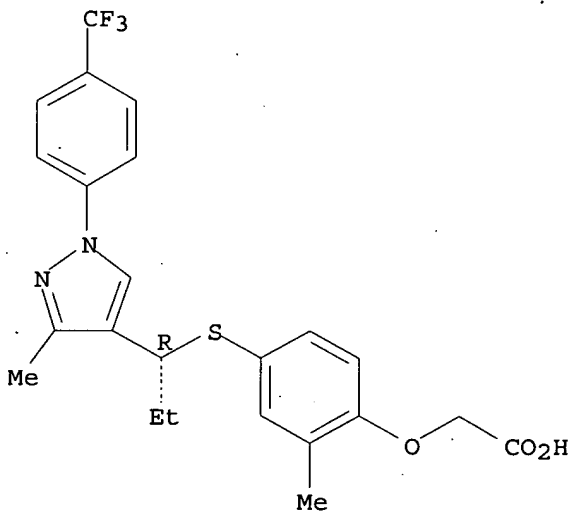
Absolute stereochemistry.



RN 728913-47-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

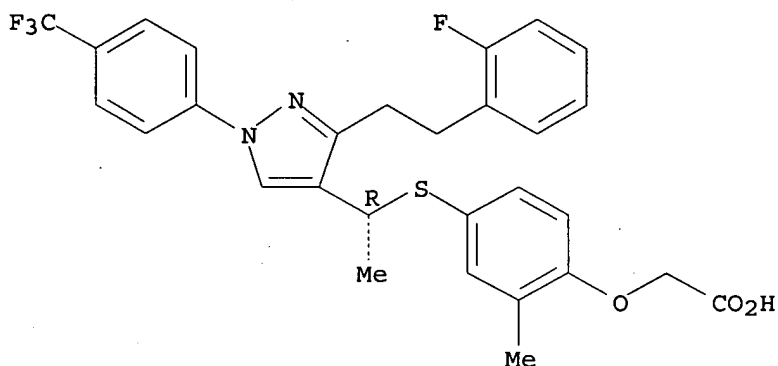
Absolute stereochemistry.



RN 728914-62-3 HCAPLUS

CN Acetic acid, [4-[[[(1R)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

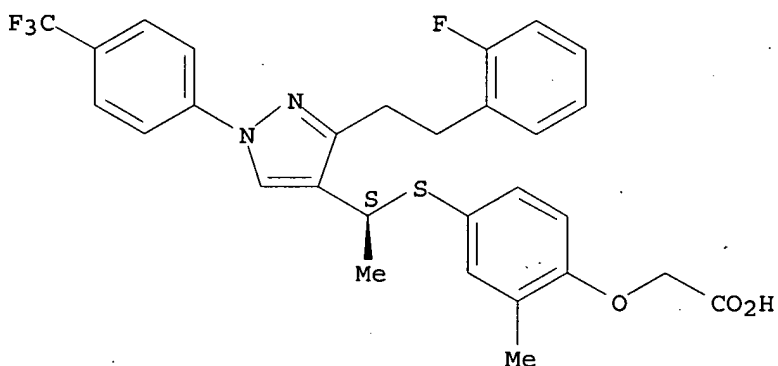
Absolute stereochemistry.



RN 728914-63-4 HCAPLUS

CN Acetic acid, [4-[[[(1S)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



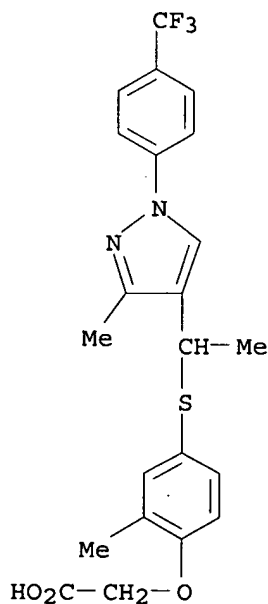
IT 728913-22-2P, [2-Methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
 728913-36-8P, [2-Methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]acetic acid
 728913-52-8P, [4-[[[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-53-9P, [4-[[[1-[3,5-Bis(trifluoromethyl)phenyl]-5-methyl-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-55-1P, [4-[[[1-[3-Isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-59-5P, [4-[[[3-Isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-61-9P, [4-[[[5-Chloro-3-isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-74-4P, [2-Methyl-4-[[[5-methyl-1-phenyl-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid
 728913-77-7P, [2-Methyl-4-[[[3-methyl-1-phenyl-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid
 728913-92-6P, [4-[[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
 728913-94-8P, [4-[[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]-2-methylphenoxy]acetic acid
 728914-05-4P,

[2-Methyl-4-[[[1-methyl-1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid 728914-08-7P,
 [4-[[[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-14-5P,
 [4-[[[1-[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]-1-methylethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-19-0P,
 [4-[[[1-[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-30-5P,
 2-Methyl-2-[2-methyl-4-[[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]propionic acid 728914-46-3P,
 [4-[[[3-tert-Butyl-5-chloro-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-48-5P,
 [4-[[[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-49-6P,
 [4-[[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-51-0P,
 [4-[[[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

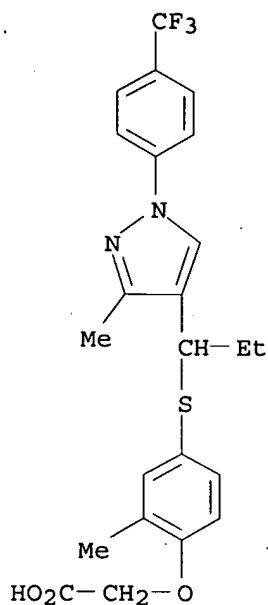
RN 728913-22-2 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



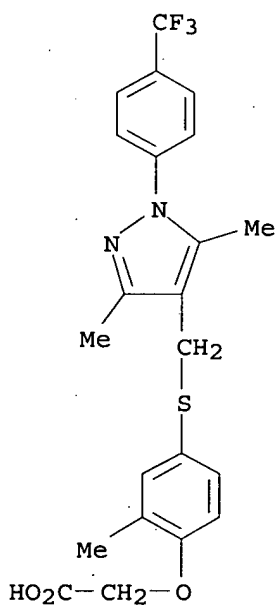
RN 728913-36-8 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



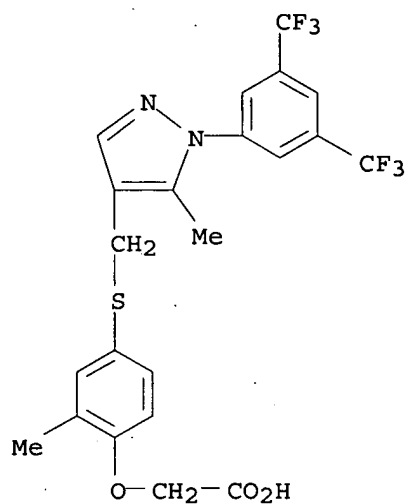
RN 728913-52-8 HCAPLUS

CN Acetic acid, [4-[[[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

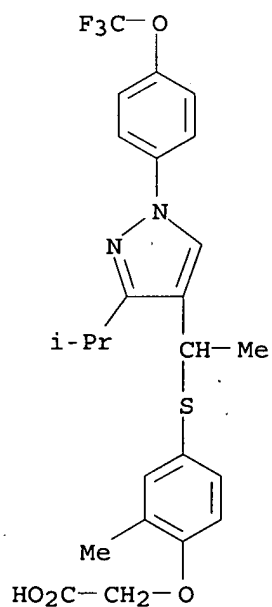


RN 728913-53-9 HCAPLUS

CN Acetic acid, [4-[[[1-[3,5-bis(trifluoromethyl)phenyl]-5-methyl-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

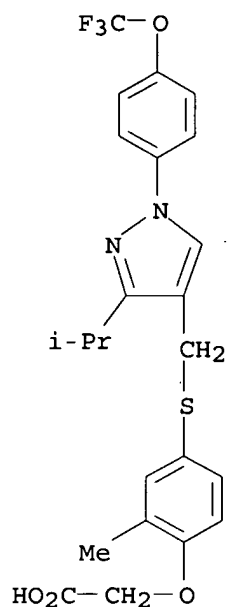


RN 728913-55-1 HCAPLUS
 CN Acetic acid, [2-methyl-4-[[1-[3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



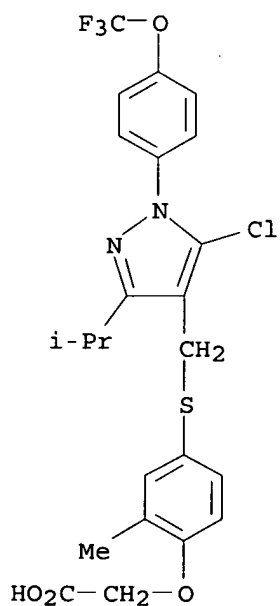
RN 728913-59-5 HCAPLUS
 CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy] - (9CI) (CA INDEX NAME)

10537282.trn



RN 728913-61-9 HCAPLUS

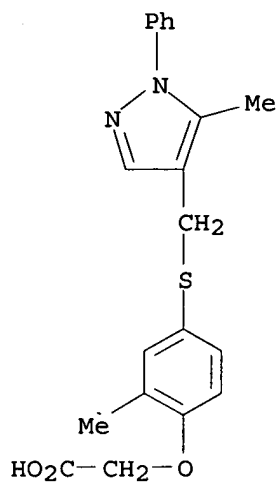
CN Acetic acid, [4-[[[5-chloro-3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



RN 728913-74-4 HCAPLUS

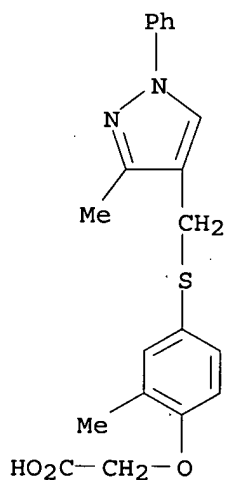
CN Acetic acid, [2-methyl-4-[[[5-methyl-1-phenyl-1H-pyrazol-4-yl]methyl]thio]phenoxy]-(9CI) (CA INDEX NAME)

10537282.trn



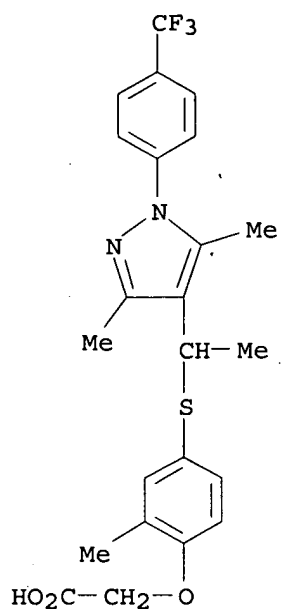
RN 728913-77-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3-methyl-1-phenyl-1H-pyrazol-4-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



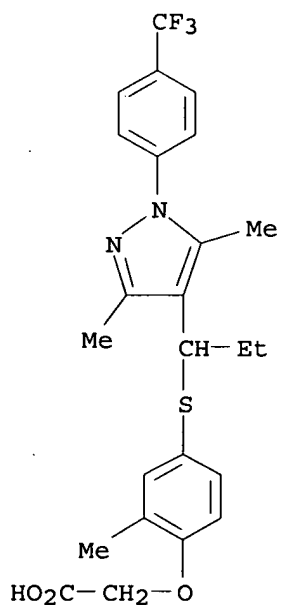
RN 728913-92-6 HCAPLUS

CN Acetic acid, [4-[[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728913-94-8 HCAPLUS

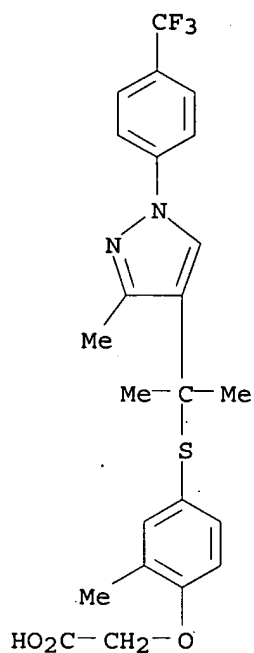
CN Acetic acid, [4-[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



RN 728914-05-4 HCAPLUS

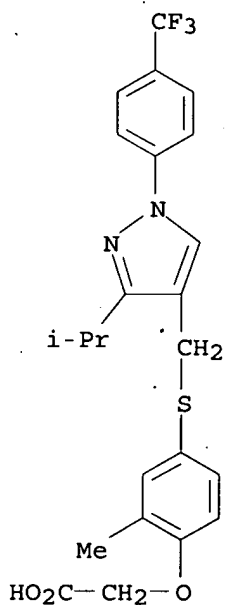
CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]-(9CI) (CA INDEX NAME)

10537282.trn



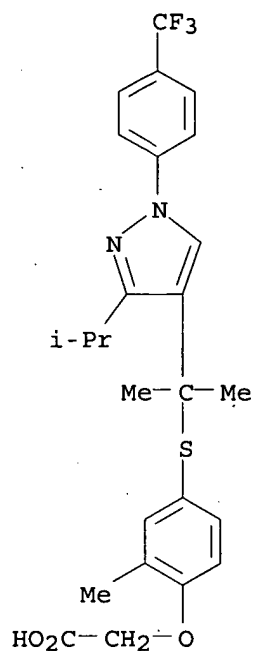
RN 728914-08-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



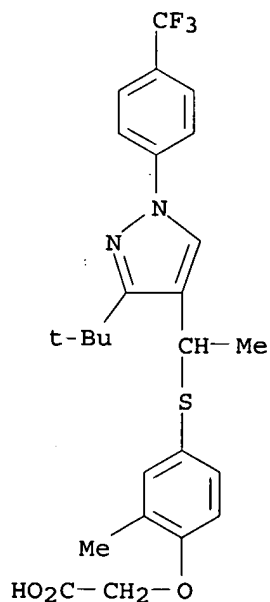
RN 728914-14-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[1-methyl-1-[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



RN 728914-19-0 HCAPLUS

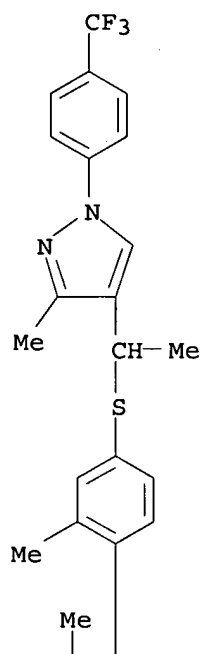
CN Acetic acid, [4-[[1-[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



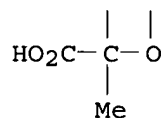
RN 728914-30-5 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

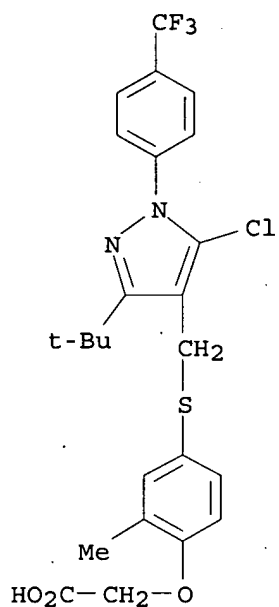
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PAGE 2-A

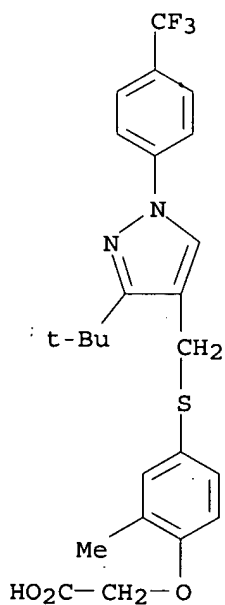


RN 728914-46-3 HCAPLUS
 CN Acetic acid, [4-[[[5-chloro-3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



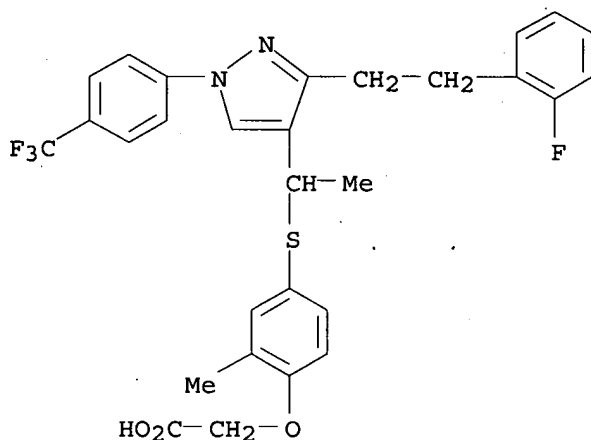
RN 728914-48-5 HCAPLUS

CN Acetic acid, [4-[[[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

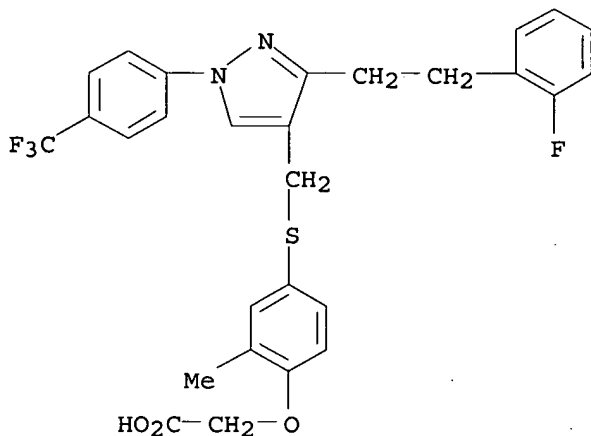


RN 728914-49-6 HCAPLUS

CN Acetic acid, [4-[[[1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



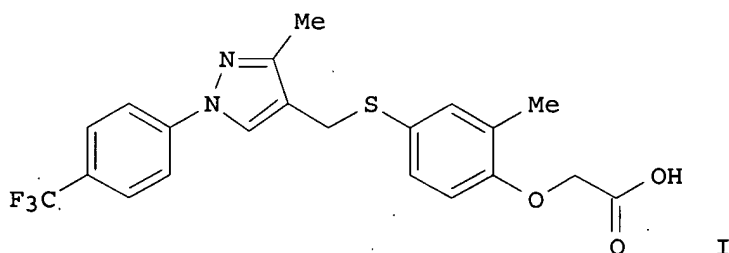
RN 728914-51-0 HCAPLUS
 CN Acetic acid, [4-[[[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:606447 HCAPLUS
 DOCUMENT NUMBER: 141:157110
 TITLE: Preparation of a pyrazole as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders
 INVENTOR(S): Conner, Scott Eugene; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Zhu, Guoxin
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063165	A1	20040729	WO 2003-US39117	20031231
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, CA, CH,			
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,			
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,			
	NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,			
	TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,			
	BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,			
	ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,			
	TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003296401	A1	20040810	AU 2003-296401	20031231
EP 1583746	A1	20051012	EP 2003-815193	20031231
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2007043220	A1	20070222	US 2005-537282	20050531
PRIORITY APPLN. INFO.:			US 2003-438563P	P 20030106
			WO 2003-US39117	W 20031231

GI



AB The present invention is directed to a compound, [2-methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid (I), and pharmaceutically acceptable salts, solvates, and hydrates thereof for use as a peroxisome proliferator activated receptor (PPAR) modulator. Examples include three synthetic methods for the preparation of I, as well as protocols and some data for biol. assays. For instance, I was prepared by alkylation of (4-mercapto-2-methylphenoxy)acetic acid Et ester with 4-chloromethyl-3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazole using Cs₂CO₃ in acetonitrile, followed by saponification with NaOH in MeOH. In

binding

studies, I activated huPPAR δ , PPAR α , and PPAR γ with EC₅₀ values of 20 nM, 1800 nM, and 2600 nM, resp. Thus, I and its pharmaceutical compns. are expected to be effective in treating and preventing diabetes mellitus, cardiovascular disorders, inflammatory conditions; and other disorders (no data).

IT 728043-46-7P, [2-Methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid

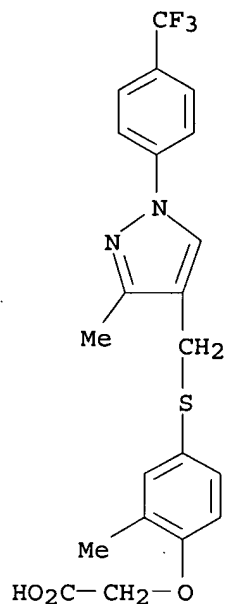
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PPAR δ modulator; preparation of a [(pyrazolylmethyl)sulfanyl]phenoxy]acetic acid as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders)

RN 728043-46-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3-methyl-1-(4-(trifluoromethyl)phenyl)-1H-

pyrazol-4-yl]methyl]thio]phenoxy] - (9CI) (CA INDEX NAME)



=> d 114 ibib abs hitstr tot

L14 . ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:661400 HCAPLUS

DOCUMENT NUMBER: 135:226990

TITLE: Preparation of 4-thiomethylpyrazoles as pesticides

INVENTOR(S): Wu, Tai-teh; Scribner, Andrew William

PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.

SOURCE: PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001064651	A1	20010907	WO 2001-EP2306	20010301 <--
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN, YU, ZA				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1263734	A1	20021211	EP 2001-919359	20010301 <--
EP 1263734	B1	20060920		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003525275	T	20030826	JP 2001-563493	20010301 <--
AT 340163	T	20061015	AT 2001-919359	20010301
US 2001053854	A1	20011220	US 2001-796651	20010302 <--

US 6458744
PRIORITY APPLN. INFO.:

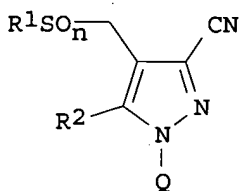
B2 20021001

US 2000-186313P
WO 2001-EP2306

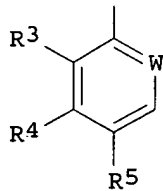
P 20000302
W 20010301

OTHER SOURCE(S):
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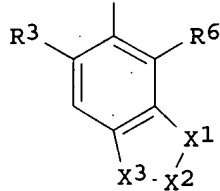
MARPAT 135:226990



I



II



III

AB The title compds. [I; Q = II, III; W = N, CR6; X1X2X3 = CF2CF2O, CF2OCF2, OCF2O; R1 = alkyl, haloalkyl, alkenyl, etc.; R2 = H, halo, (un)substituted NH2; R3, R6 = H, halo; R4 = H, haloalkyl; R5 = H, halo, haloalkyl, etc.; n = 0-2], useful as pesticides, were prepared Thus, reacting 2-methylbutanethiol with 1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-formylpyrazole with BF3.Et2O in 1,2-dichloroethane followed by addition of Et3SiH, and then treating the resulting intermediate with DMF afforded I [Q = II; W = CCl; R1 = 2-methylbutyl; R2 = NH2; R3 = Cl; R4 = H; R5 = CF3; n = 0]. Biol. data for compds. I were given.

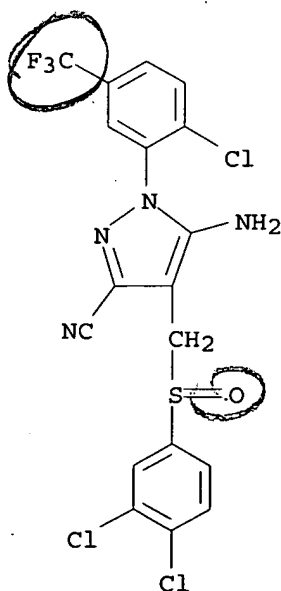
IT 358762-16-0 358762-17-1

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(preparation of 4-thiomethylpyrazoles as pesticides)

RN 358762-16-0 HCAPLUS

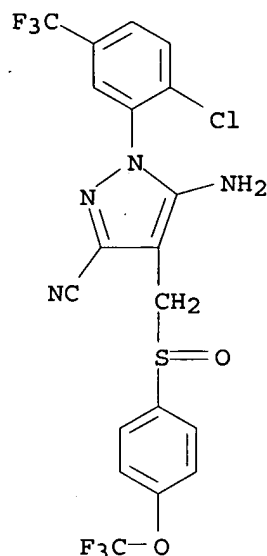
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[(3,4-dichlorophenyl)sulfinyl]methyl]- (9CI) (CA INDEX NAME)



RN 358762-17-1 HCAPLUS

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CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-
4-[[[4-(trifluoromethoxy)phenyl]sulfinyl]methyl]- (9CI) (CA INDEX NAME)



IT 358760-22-2P 358760-23-3P 358760-24-4P
358760-25-5P 358760-26-6P 358760-27-7P
358760-28-8P 358760-29-9P 358760-30-2P
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358760-35-7P 358760-36-8P 358760-37-9P
358760-38-0P 358760-58-4P 358760-59-5P
358760-60-8P 358760-61-9P 358760-62-0P
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358760-93-7P 358760-94-8P 358760-95-9P
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358761-29-2P 358761-42-9P 358761-43-0P
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358762-15-9P 358762-39-7P 358762-40-0P
358762-41-1P 358762-42-2P 358762-43-3P
358762-44-4P 358762-45-5P 358762-53-5P
358762-54-6P 358762-57-9P 358762-61-5P
358762-62-6P

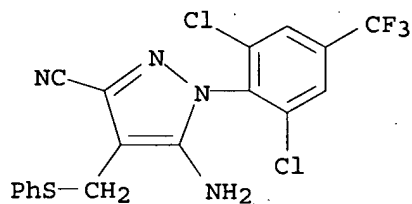
RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

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(preparation of 4-thiomethylpyrazoles as pesticides)

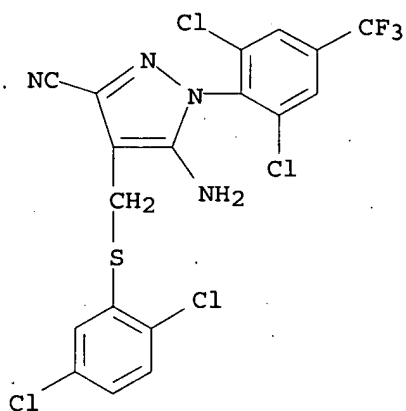
RN 358760-22-2 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



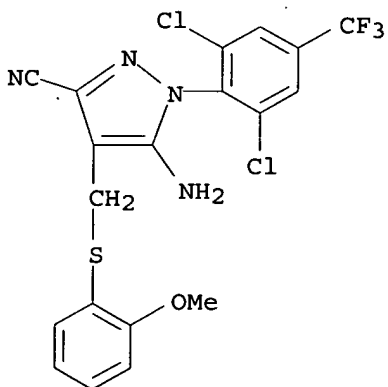
RN 358760-23-3 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[(2,5-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 358760-24-4 HCAPLUS

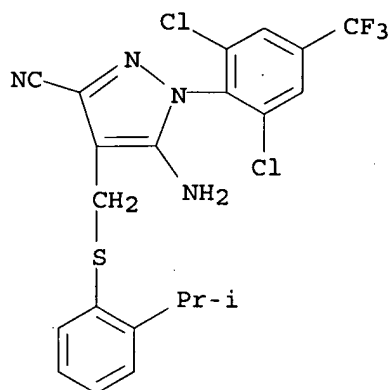
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



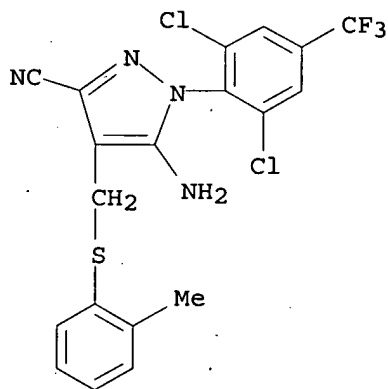
RN 358760-25-5 HCAPLUS

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CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI)
(CA INDEX NAME)

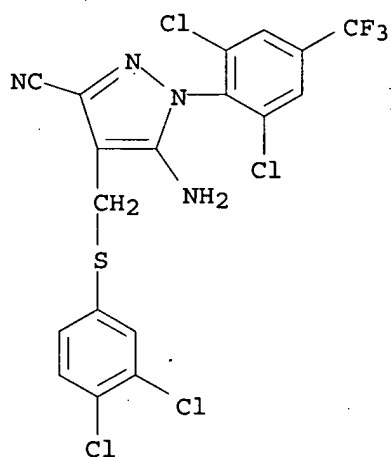


RN 358760-26-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-methylphenyl]thio]methyl]- (9CI) (CA INDEX NAME)



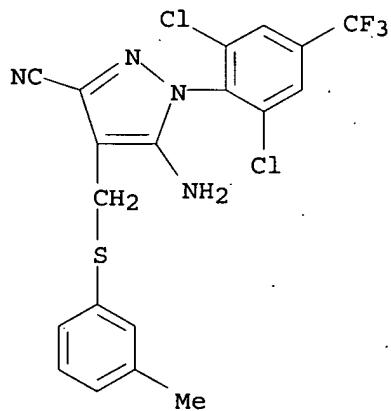
RN 358760-27-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[(3,4-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-28-8 HCAPLUS

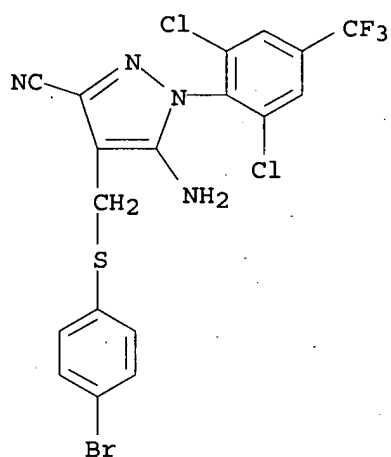
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[3,4-dichlorophenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358760-29-9 HCAPLUS

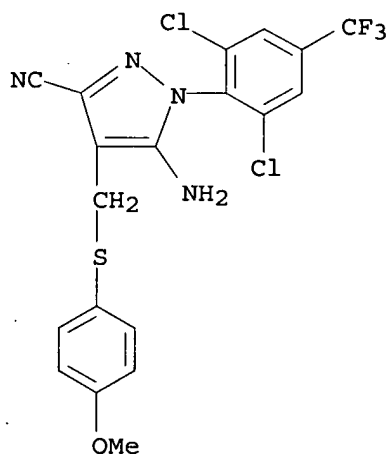
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[4-bromophenyl]thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-30-2 HCAPLUS

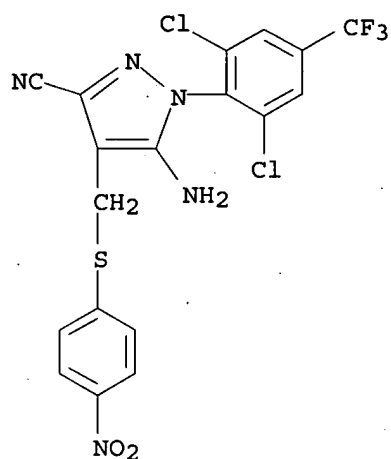
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[4-methoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358760-32-4 HCAPLUS

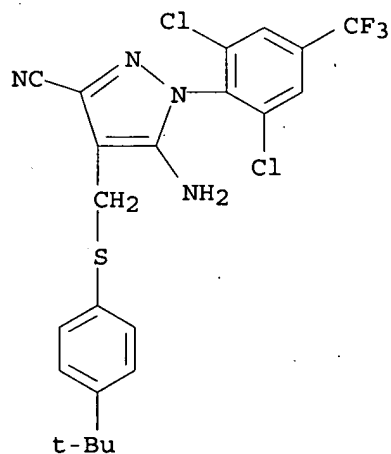
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[4-nitrophenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-33-5 HCAPLUS

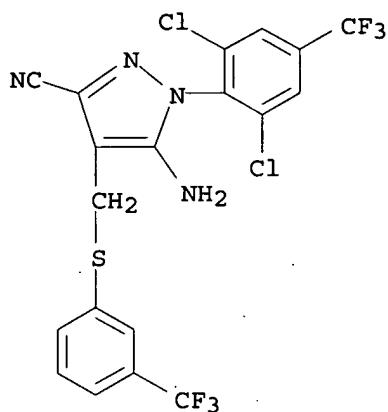
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-34-6 HCAPLUS

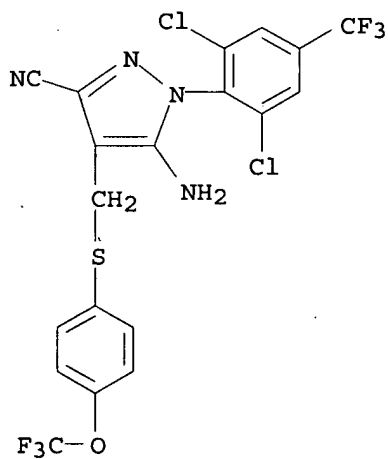
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-35-7 HCAPLUS

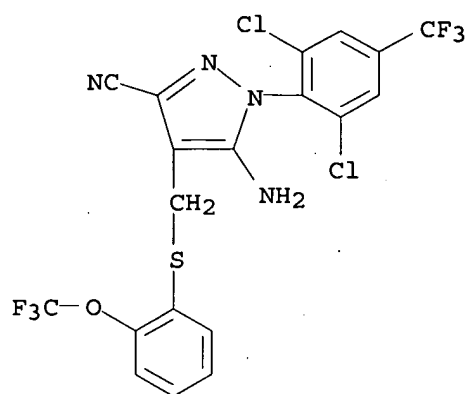
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[4-(trifluoromethoxy)phenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358760-36-8 HCAPLUS

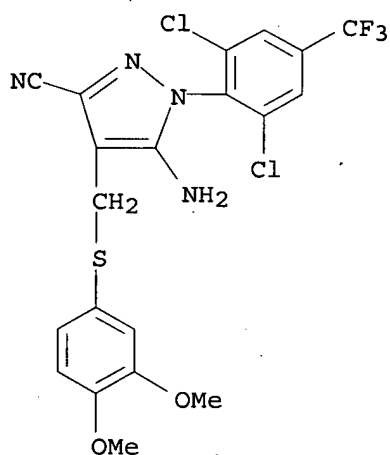
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[2-(trifluoromethoxy)phenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-37-9 HCAPLUS

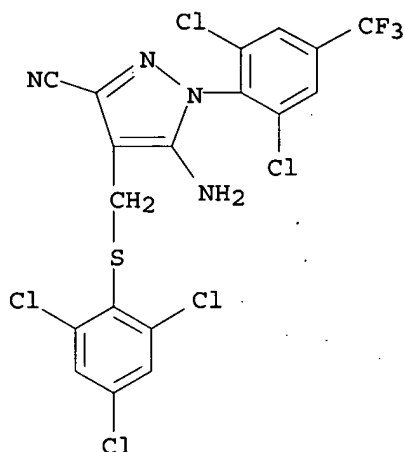
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[3,4-dimethoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358760-38-0 HCAPLUS

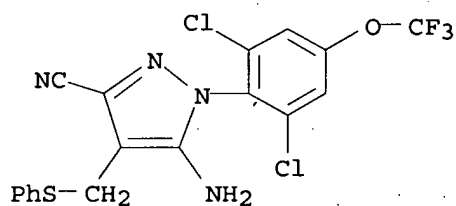
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[2,4,6-trichlorophenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



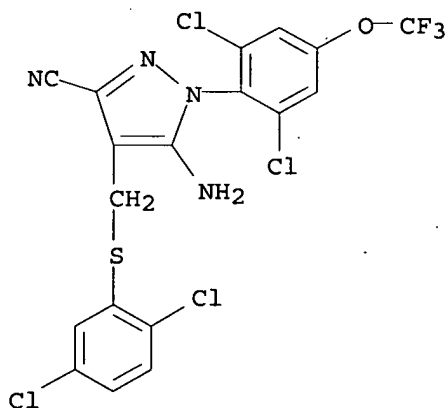
RN 358760-58-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



RN 358760-59-5 HCAPLUS

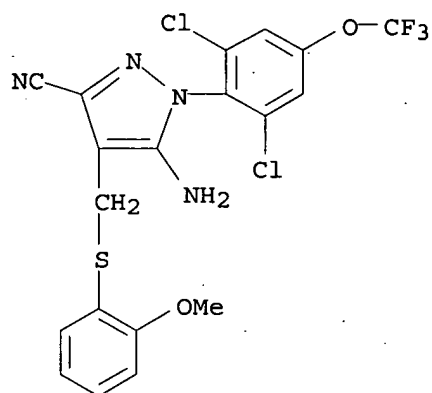
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[2,5-dichlorophenyl]thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 358760-60-8 HCAPLUS

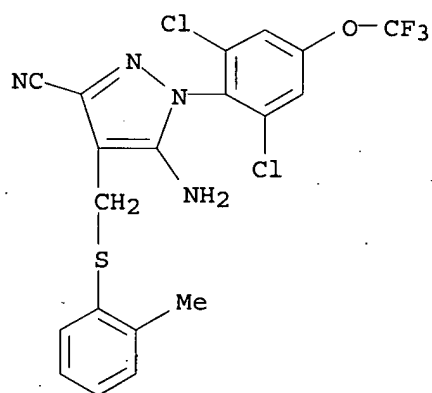
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[2-methoxyphenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-61-9 HCAPLUS

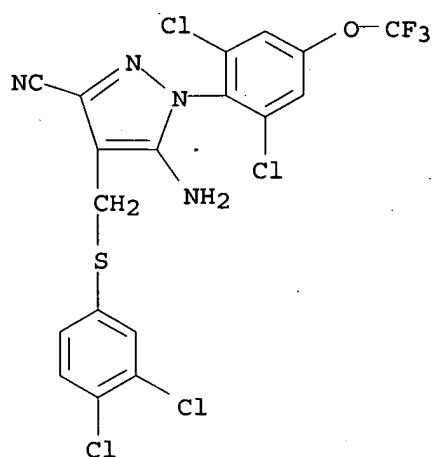
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[2-methylphenyl]thio]methyl- (9CI) (CA INDEX NAME)



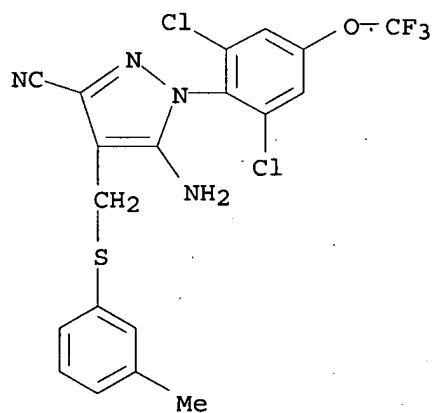
RN 358760-62-0 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[3,4-dichlorophenyl]thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)

10537282.trn

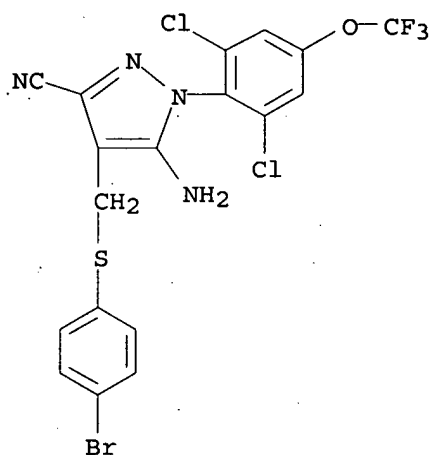


RN 358760-63-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[3-methylphenyl]thio]methyl- (9CI) (CA INDEX NAME)

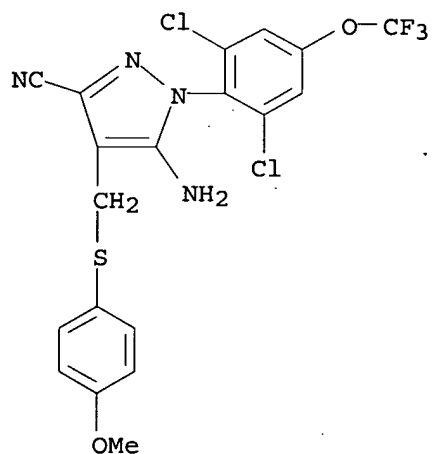


RN 358760-64-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[4-bromophenyl]thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)

10537282.trn

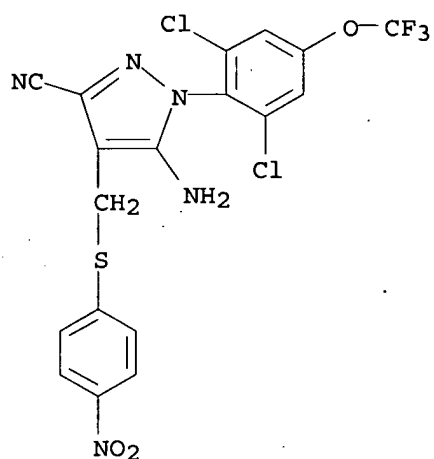


RN 358760-65-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[4-methoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



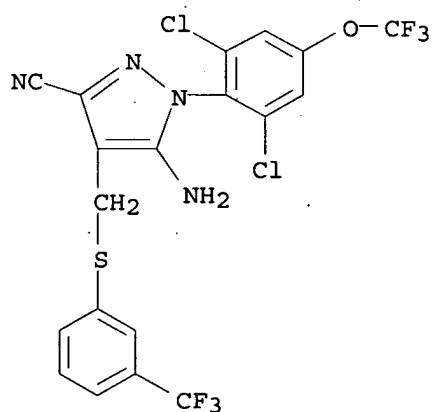
RN 358760-67-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[4-nitrophenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-69-7 HCAPLUS

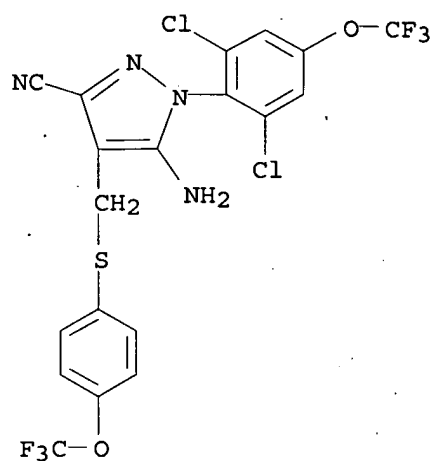
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



RN 358760-70-0 HCAPLUS

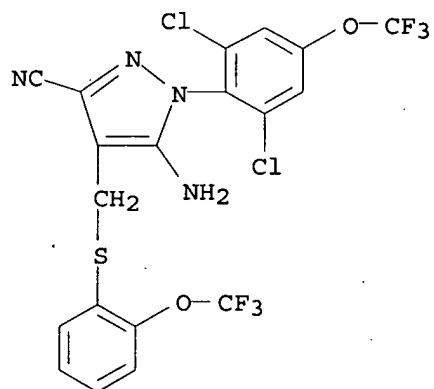
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)

10537282.trn



RN 358760-71-1 HCAPLUS

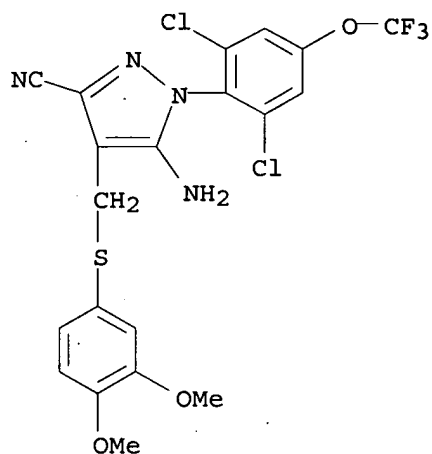
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-72-2 HCAPLUS

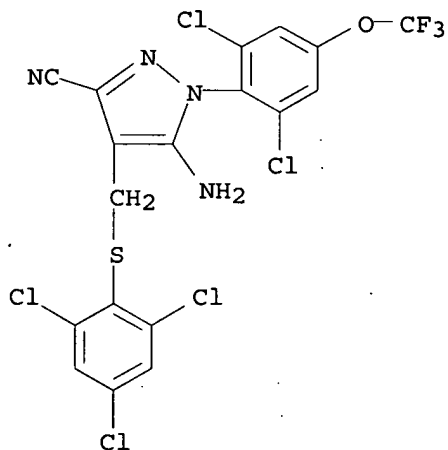
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[3,4-dimethoxyphenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



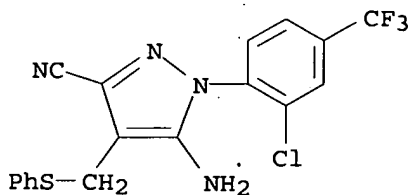
RN 358760-73-3 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[(2,6-dichloro-4-(trifluoromethoxy)phenyl)thio]methyl]- (9CI)
(CA INDEX NAME)



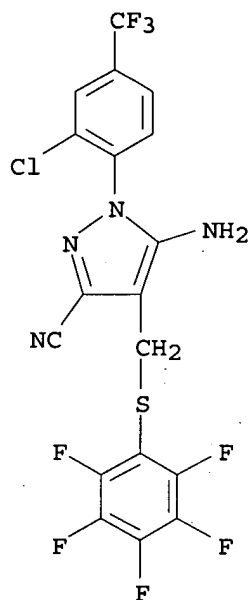
RN 358760-90-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



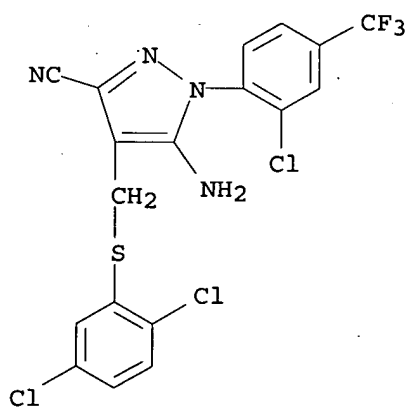
RN 358760-91-5 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-92-6 HCAPLUS

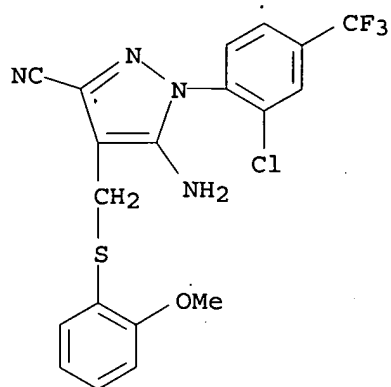
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[2,5-difluorophenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358760-93-7 HCAPLUS

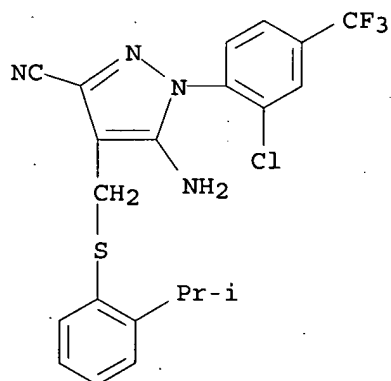
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[2-methoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



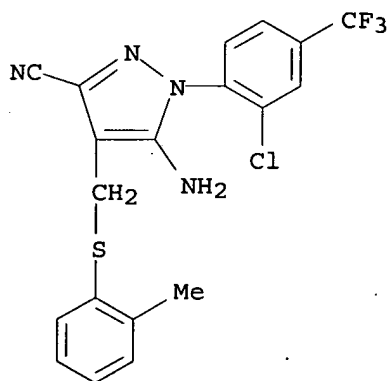
RN 358760-94-8 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-95-9 HCAPLUS

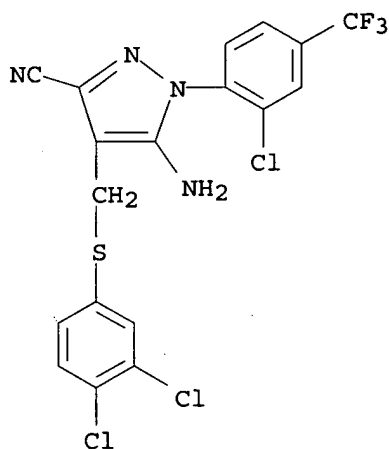
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[2-methylphenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-96-0 HCAPLUS

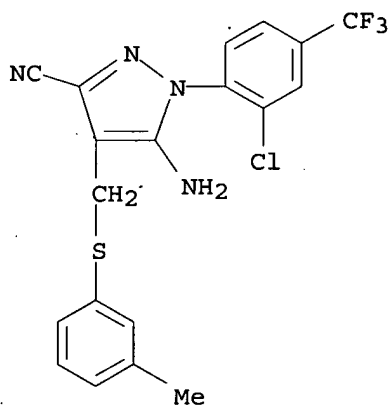
10537282.trn

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-
4-[[[(3,4-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-97-1 HCAPLUS

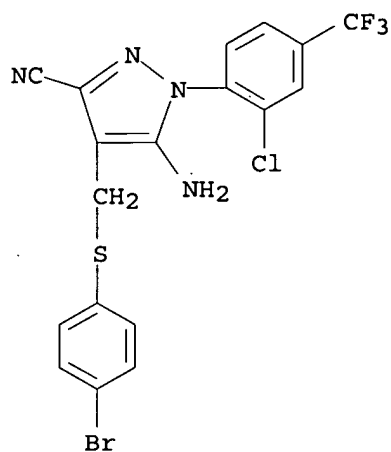
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-
4-[[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-98-2 HCAPLUS

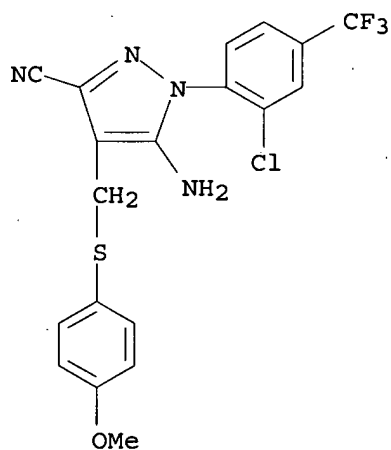
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[(4-bromophenyl)thio]methyl]-1-[2-
chloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358760-99-3 HCAPLUS

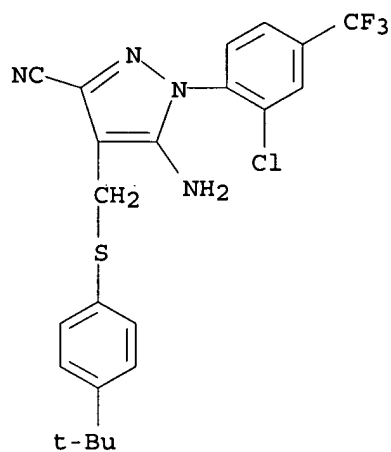
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[4-methoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358761-01-0 HCAPLUS

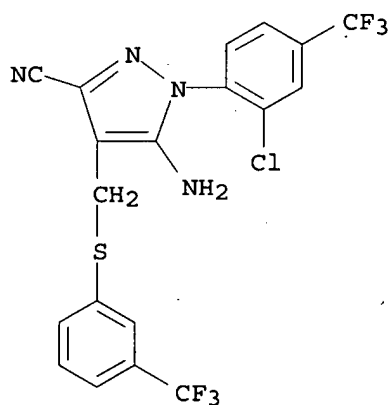
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-02-1 HCAPLUS

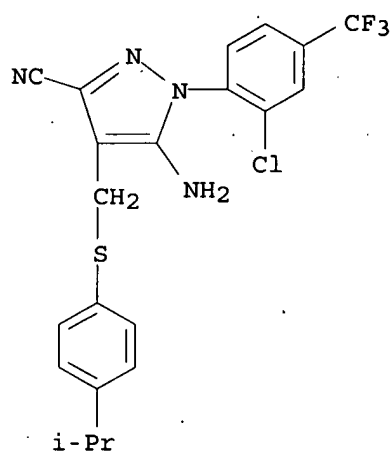
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-03-2 HCAPLUS

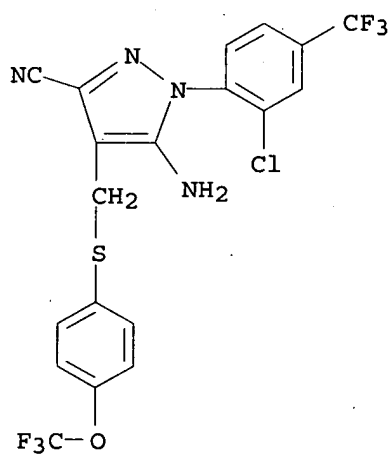
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-04-3 HCAPLUS

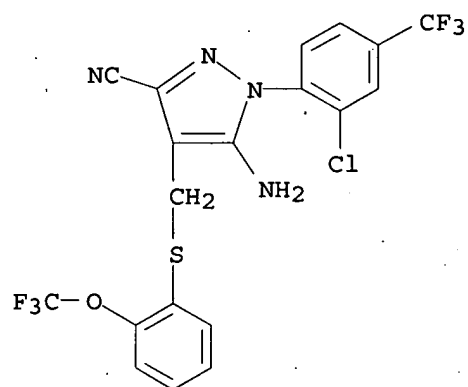
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-05-4 HCAPLUS

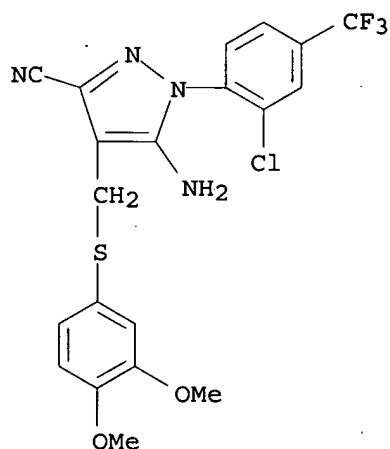
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-06-5 HCAPLUS

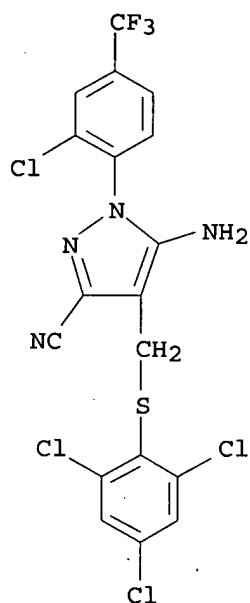
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[3,4-dimethoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358761-07-6 HCAPLUS

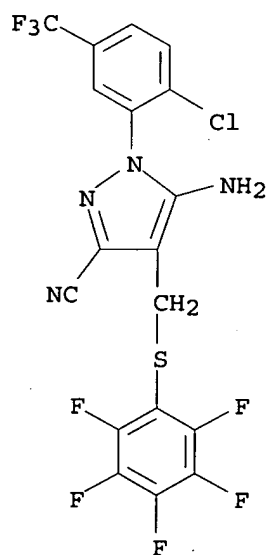
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[2,4,6-trichlorophenyl]thio]methyl- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-15-6 HCAPLUS

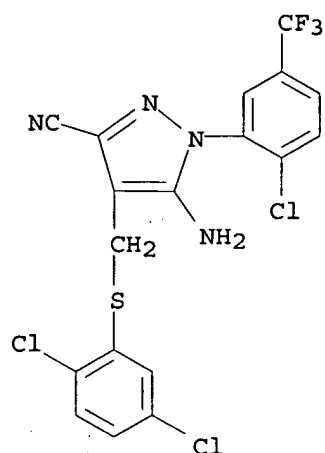
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[2,4,6-trichlorophenylthio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-16-7 HCAPLUS

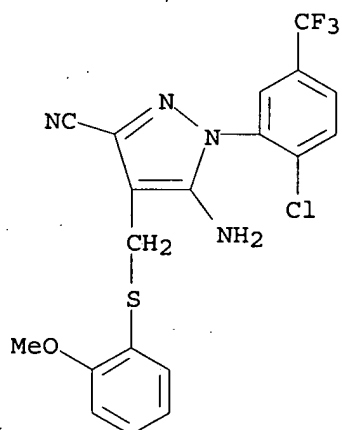
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[2,5-dichlorophenylthio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-17-8 HCAPLUS

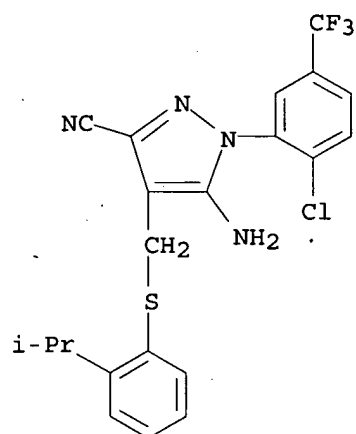
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[2-methoxyphenyl]thio]methyl- (9CI) (CA INDEX NAME)



RN 358761-18-9 HCAPLUS

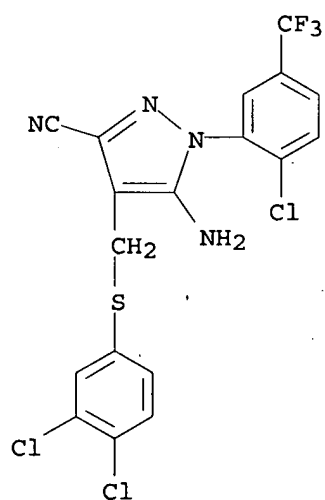
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



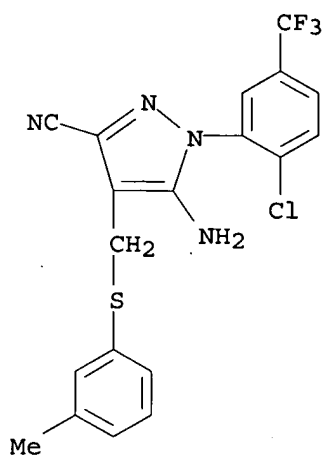
RN 358761-19-0 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[3-(4-iodophenyl)thio]methyl]- (9CI) (CA INDEX NAME)

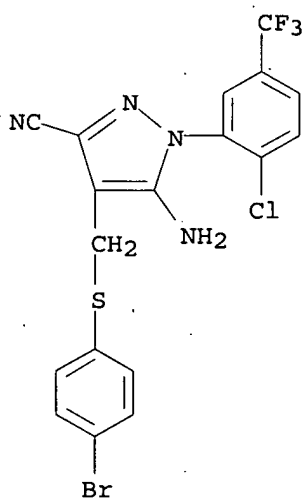


RN 358761-20-3 HCAPLUS

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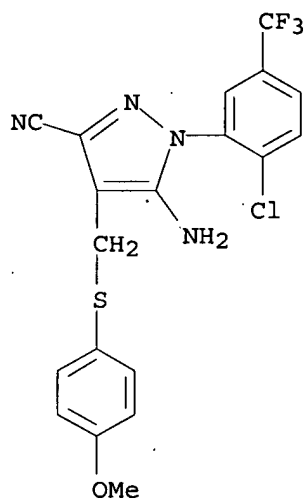


RN 358761-21-4 HCAPLUS
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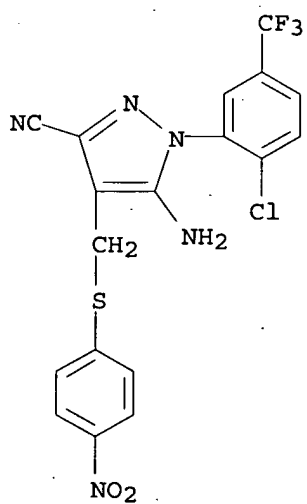
RN 358761-22-5 HCAPLUS
 CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[4-(4-bromophenyl)thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



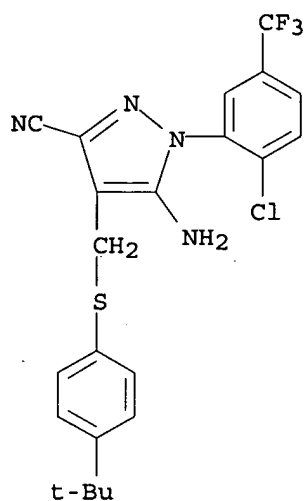
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CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[4-(4-nitrophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



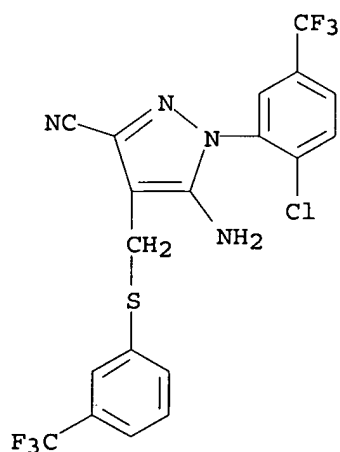
RN 358761-25-8 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-26-9 HCAPLUS

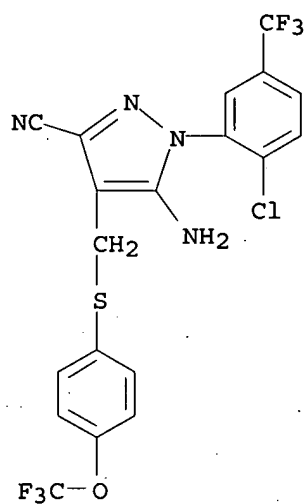
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-27-0 HCAPLUS

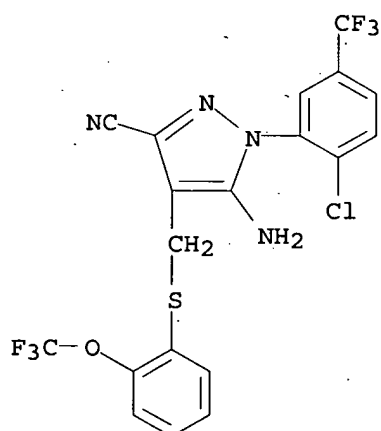
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10537282.trn



RN 358761-28-1 HCAPLUS

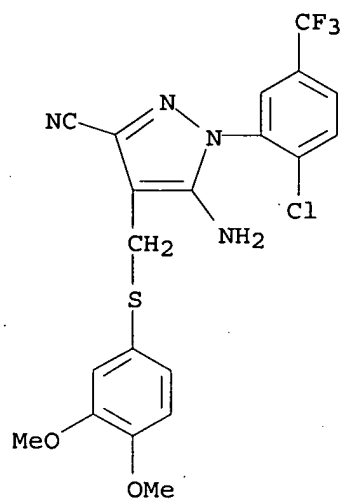
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-29-2 HCAPLUS

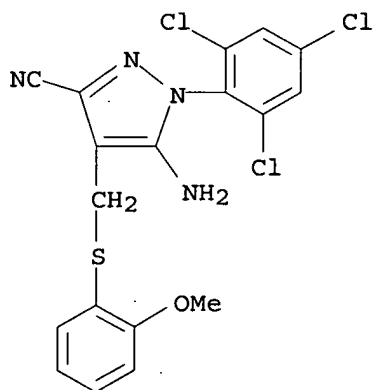
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[3,4-dimethoxyphenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-42-9 HCAPLUS

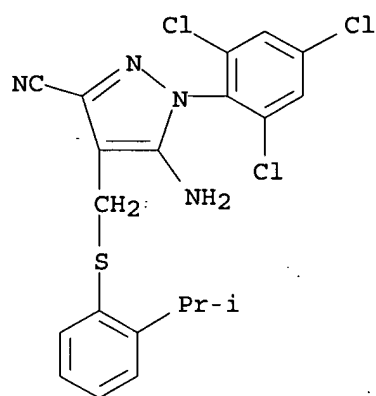
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[2-methoxyphenyl]thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 358761-43-0 HCAPLUS

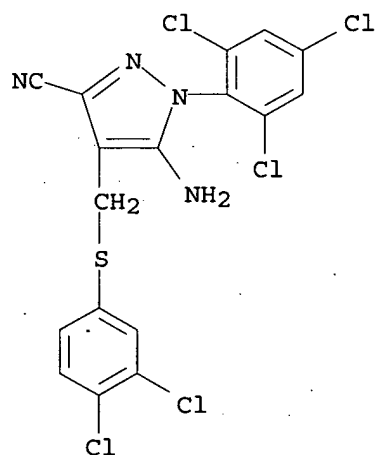
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[2-(1-methylethyl)phenyl]thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-44-1 HCAPLUS

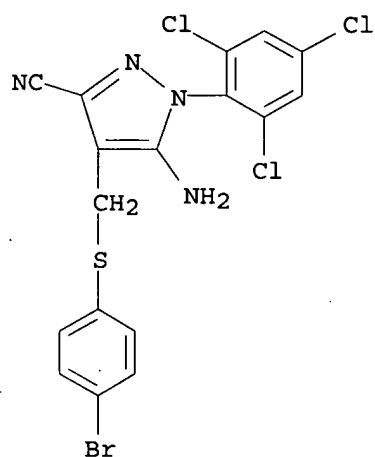
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[3,4-dichlorophenyl]thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 358761-45-2 HCAPLUS

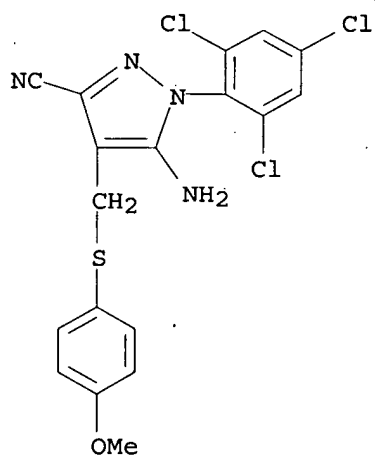
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[4-bromophenyl]thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

10537282.trn



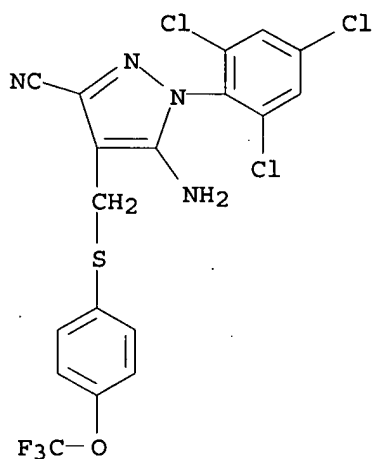
RN 358761-46-3 HCAPLUS

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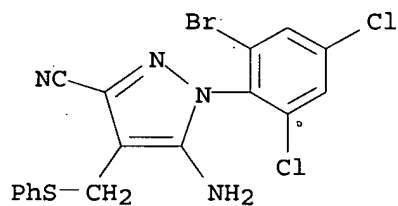
RN 358761-47-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2,4,6-trichlorophenyl)-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



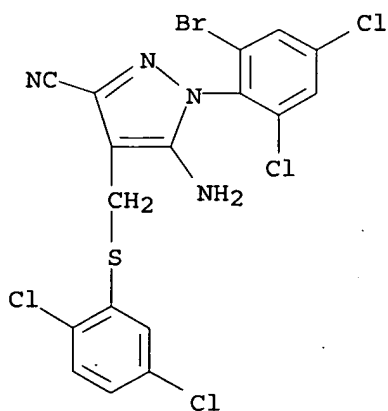
RN 358761-58-7 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



RN 358761-59-8 HCAPLUS

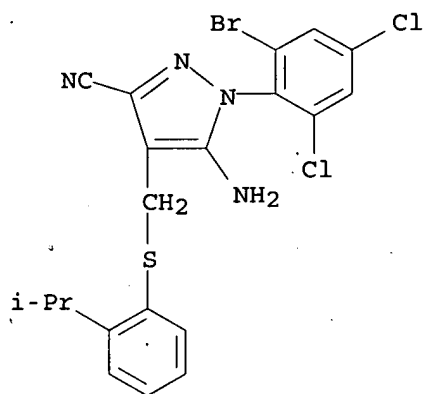
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RN 358761-60-1 HCAPLUS

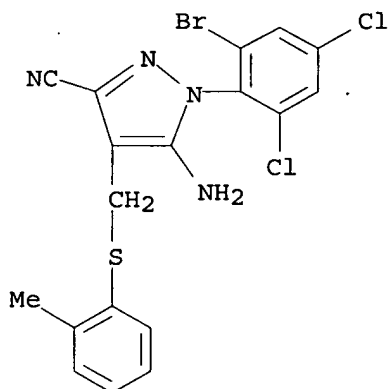
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



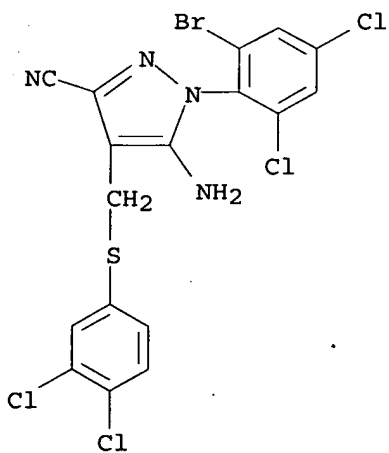
RN 358761-61-2 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[2-methylphenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-62-3 HCAPLUS

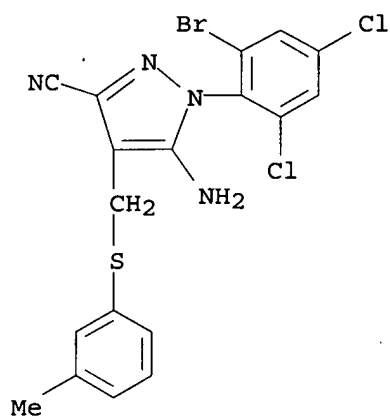
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[3,4-dichlorophenyl]thio]methyl]- (9CI) (CA INDEX NAME)



10537282.trn

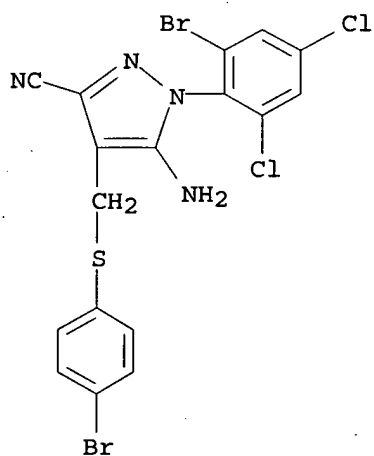
RN 358761-63-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-64-5 HCAPLUS

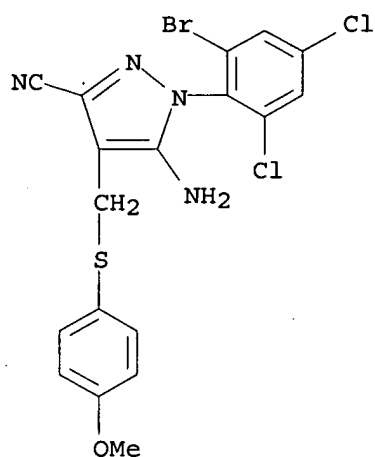
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[4-bromophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-65-6 HCAPLUS

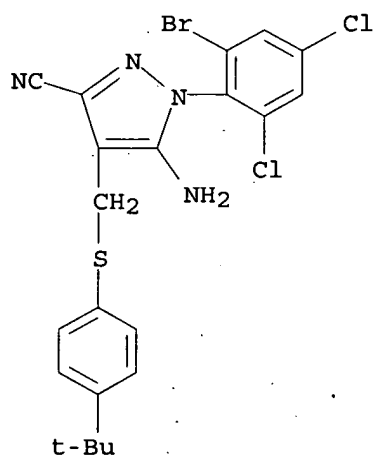
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-66-7 HCAPLUS

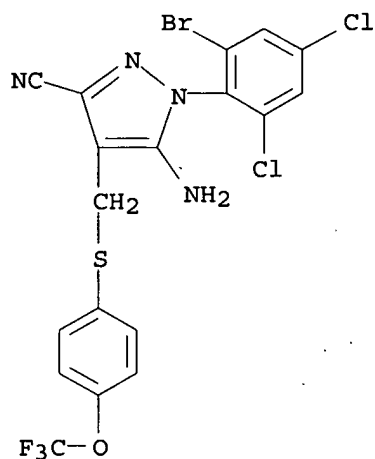
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 358761-67-8 HCAPLUS

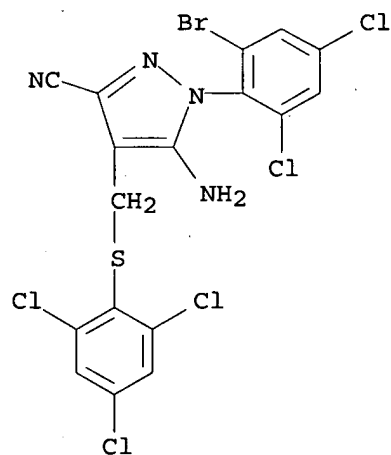
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358761-68-9 HCAPLUS

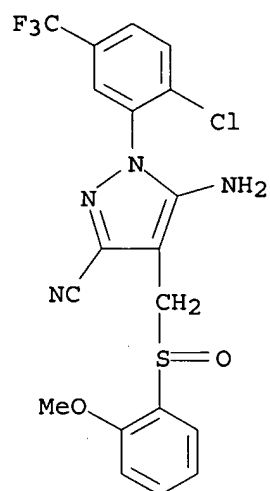
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RN 358762-15-9 HCAPLUS

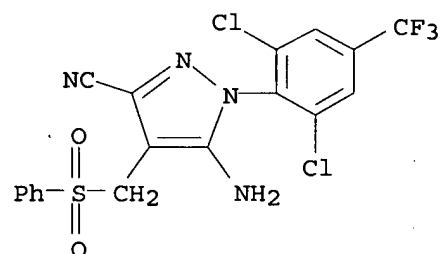
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10537282.trn



RN 358762-39-7 HCAPLUS

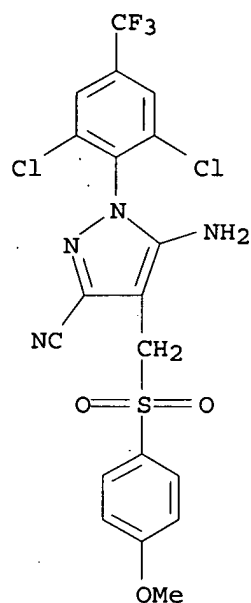
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



RN 358762-40-0 HCAPLUS

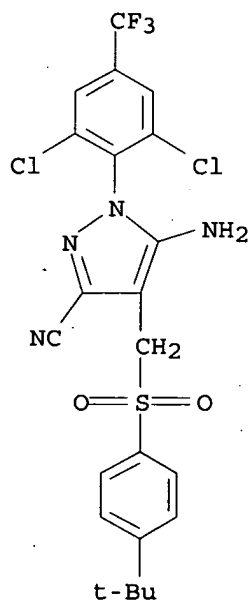
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[4-methoxyphenyl)sulfonyl)methyl]- (9CI) (CA INDEX NAME)

10537282.trn



RN 358762-41-1 HCAPLUS

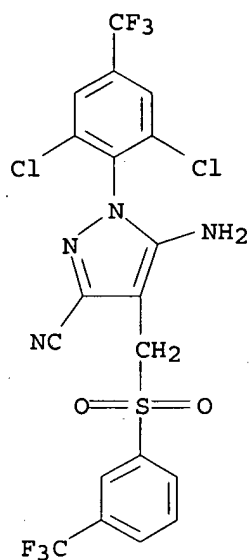
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]methyl- (9CI) (CA INDEX NAME)



RN 358762-42-2 HCAPLUS

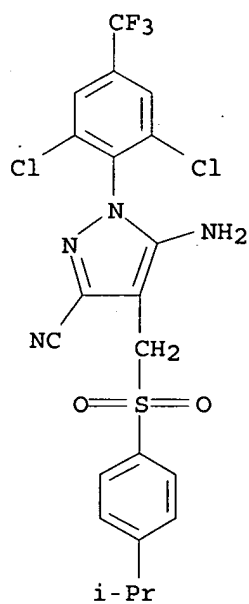
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[3-(trifluoromethyl)phenyl]sulfonyl]methyl- (9CI) (CA INDEX NAME)

10537282.trn



RN 358762-43-3 HCAPLUS

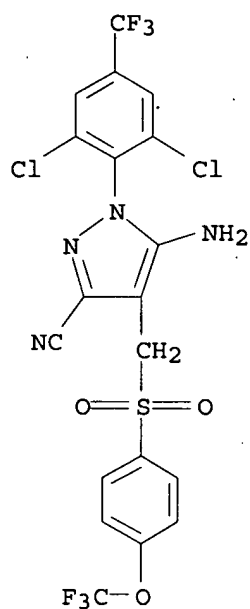
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]-(9CI) (CA INDEX NAME)



RN 358762-44-4 HCAPLUS

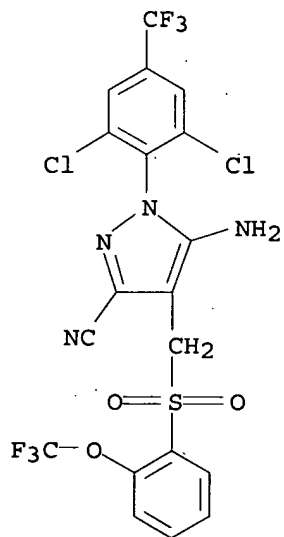
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]sulfonyl]methyl]-(9CI) (CA INDEX NAME)

10537282.trn



RN 358762-45-5 HCAPLUS

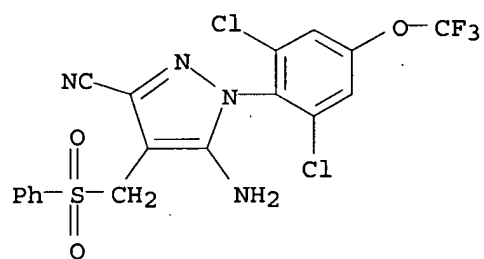
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



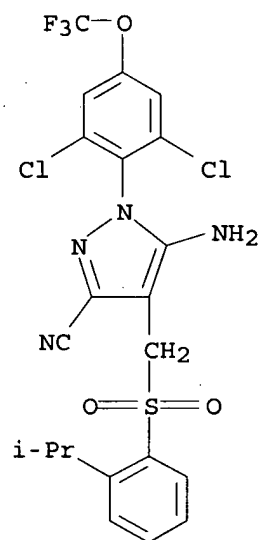
RN 358762-53-5 HCAPLUS

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10537282.trn

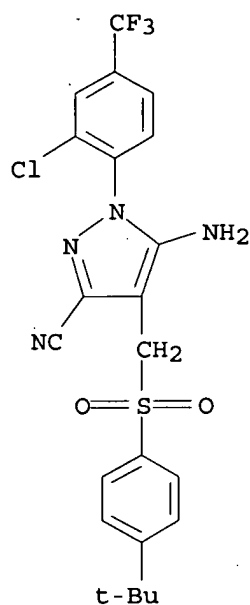


RN 358762-54-6 HCAPLUS
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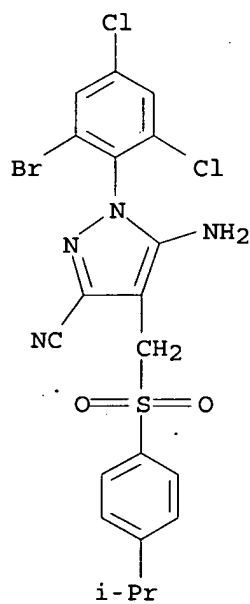
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10537282.trn



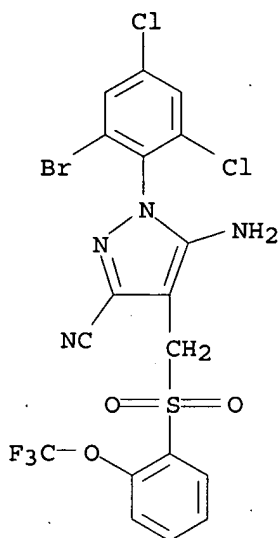
RN 358762-61-5 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



RN 358762-62-6 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[2-(trifluoromethoxy)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:409212 HCAPLUS

DOCUMENT NUMBER: 131:98844

TITLE: Control of pests in containerized seedlings with nitrogen-containing insecticides

INVENTOR(S): Akayama, Atsuo

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 117 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11171702	A	19990629	JP 1998-264372	19980918 <--
			JP 1997-258947	A 19970924

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 131:98844

AB A labor-saving method for controlling pests in angiosperms, except Gramineae, involves raising seedlings in a container filled with medium that, before seeding or temporary planting, is mixed with an insecticide of the formula R1R2NCR3:Y, where R1 = H, hydrocarbon, acyl, or substituted alkyl, the substituent possibly being heterocyclic; R2 = H, hydrocarbon, or a bivalent group bound to R3; R3 = hydrocarbon, SR4 (where R4 has the same meanings as R1), or YR5R6 (where R5 and R6 are the same or different and have the same meanings as R1), etc.; Y = :N or :CZ, where Z = H or hydrocarbon, optionally substituted; and X = electron-withdrawing substituent. Thus, in a pot experiment with cucumber, mixing granules containing

1-N-[(6-chloro-3-pyridylmethyl)-N-ethylamino]-1-methylamino-2-nitroethylene at 0.286 g/L with medium completely controlled Aphis gossypii.

IT 185615-15-0 185616-40-4

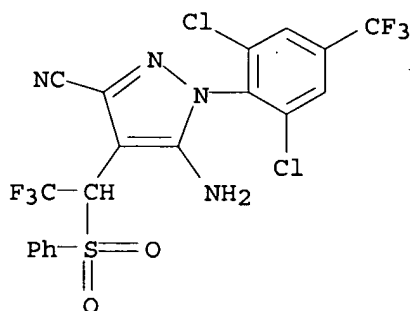
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

10537282.trn

(insecticide for containerized seedlings)

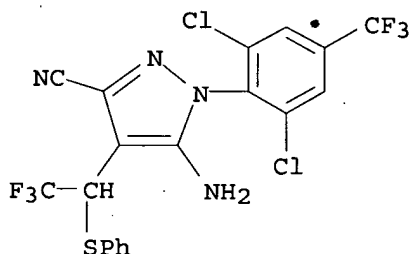
RN 185615-15-0 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylsulfonyl)ethyl]- (9CI) (CA INDEX NAME)



RN 185616-40-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylthio)ethyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1997:72214 HCAPLUS

DOCUMENT NUMBER: 126:89367

TITLE: Preparation of pyrazole derivatives as insecticides

INVENTOR(S): Kando, Yasuyuki; Kiji, Toshuki; Noguchi, Makoto; Manabe, Yukiaki

PATENT ASSIGNEE(S): Takeda Chemical Industries Ltd, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 61 pp.

CODEN: JKXXAF

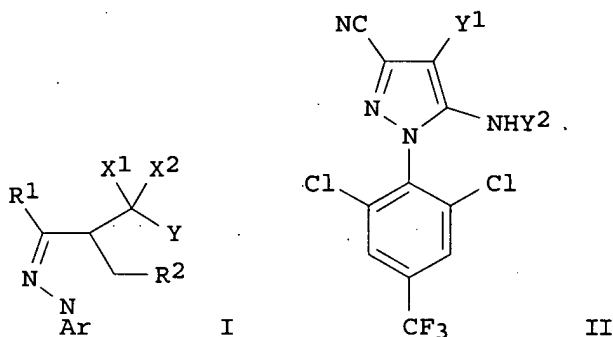
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08311036	A	19961126	JP 1996-4929	19960116 <--
PRIORITY APPLN. INFO.:			JP 1995-54820	A 19950314
OTHER SOURCE(S):		MARPAT 126:89367		
GI				



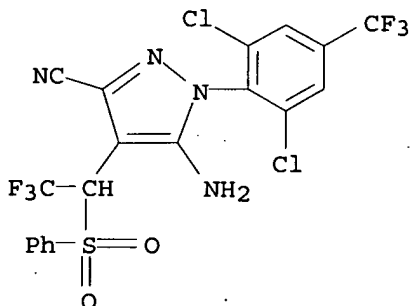
AB The title compds. [I; Ar = (un)substituted aromatic hydrocarbyl or heterocycle; R1 = H, halo, NO₂, OH, cyano, (un)substituted hydrocarbyl, etc.; R2 = H, halo, NO₂, OH, cyano, (un)substituted hydrocarbyl, alkoxy, etc.; X1 = (un)substituted haloalkyl; X2 = H, radical containing C, N, O, S, or P; Y = radical containing O, N, S, or P, (un)substituted aryl, etc.; X2 and Y may together form a hydroxyimino, heterocycle, etc.; R2 and Y may together represent substituted C2-4 alkylene or alkenylene containing O, N, S, or P, etc.] are prepared Insecticides containing I are also claimed. Thus, I (Y1 = Y2 = H) was reacted with (F₃CCO)₂O in the presence of pyridine to give 38% the title compound II (Y1 = Y2 = F₃CCO) (III). III at 100 ppm killed 100% *Chilo suppressalis* at 3rd-instar larvae.

IT 185615-15-0P 185616-40-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazole derivs. as insecticides)

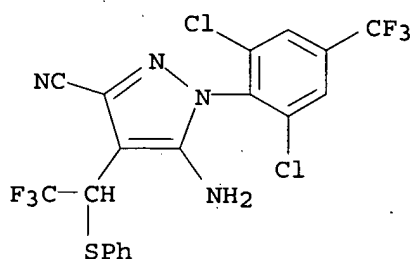
RN 185615-15-0 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylsulfonyl)ethyl]- (9CI) (CA INDEX NAME)



RN 185616-40-4 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylthio)ethyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:284789 HCAPLUS

DOCUMENT NUMBER: 120:284789

TITLE: Color reproduction-improved silver halide photographic photosensitive material

INVENTOR(S): Sato, Koichi; Kita, Hiroshi

PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 80 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

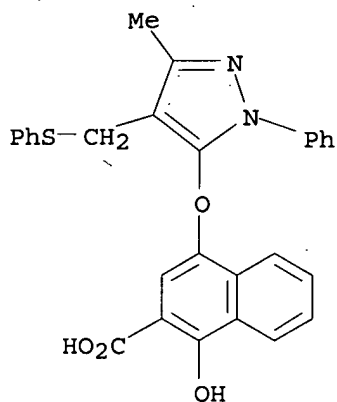
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05127329	A	19930525	JP 1991-315140	19911105 <--
PRIORITY APPLN. INFO.:			JP 1991-315140	19911105

AB The title material, having on a support photog. constituent layers containing a UV absorber-containing layer(s) and a Ag halide emulsion layer(s), ≥ 1 layer(s) selected from the UV absorber-containing layer(s) and photog. constituent layers located closer to the support side than the UV absorber-containing layer, contains ≥ 1 kind(s) of mercapto compound-releasable compds. as a function of exposed Ag halide and ≥ 1 layer(s) selected from the UV absorber-containing layer(s) and photog. constituent layers located further from the support side than the UV absorber-containing layer, and contains ≥ 1 kind(s) of phosphor precursors capable of forming a phosphor by reaction with a mercapto compound released from the mercapto compound-releasable compound or with a color developer component during color development. The material provides images with superior color reproduction and storage stability (light fastness).

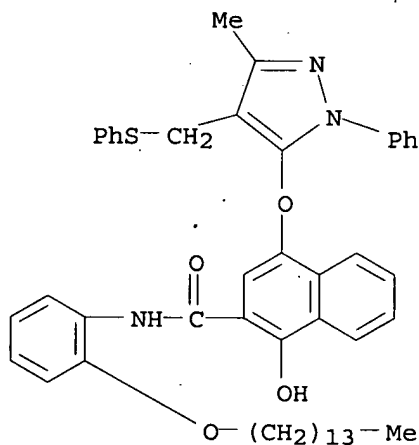
IT 154732-22-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, for mercapto compound-releasable compound for color photog. material)

RN 154732-22-6 HCAPLUS

CN 2-Naphthalenecarboxylic acid, 1-hydroxy-4-[[3-methyl-1-phenyl-4-[(phenylthio)methyl]-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

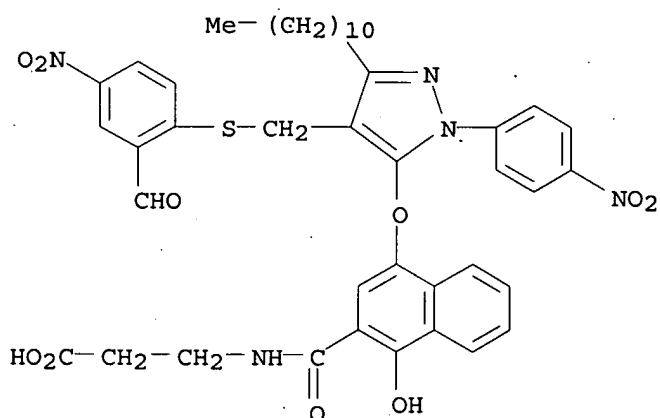


IT 154732-21-5P
 RL: PREP (Preparation)
 (preparation of; as mercapto compound-releasable compound for color photog.
 material)
 RN 154732-21-5 HCAPLUS
 CN 2-Naphthalenecarboxamide, 1-hydroxy-4-[[3-methyl-1-phenyl-4-
 [(phenylthio)methyl]-1H-pyrazol-5-yl]oxy]-N-[2-(tetradecyloxy)phenyl]-
 (9CI) (CA INDEX NAME)



L14 ANSWER 5 OF 7 .HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1992:265498 HCAPLUS
 DOCUMENT NUMBER: 116:265498
 TITLE: Silver halide color photographic material containing
 masking coupler
 INVENTOR(S): Asatake, Atsushi; Miura, Akio; Oya, Hidenobu; Kida,
 Shuji
 PATENT ASSIGNEE(S): Konica Co., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 04013135	A	19920117	JP 1990-117057	19900507 <--
PRIORITY APPLN. INFO.:				JP 1990-117057	19900507
AB	The photog. material contains ≥ 1 coupler(s) having formyl active point and forming a coupler dye by reaction with the oxidant of a color-developing agent. The material showed good sharpness.				
IT	141675-62-9				
	RL: USES (Uses)				
	(silver halide photog. masking coupler, for good sharpness)				
RN	141675-62-9 HCAPLUS				
CN	β -Alanine, N-[[4-[[4-[[[(2-formyl-4-nitrophenyl)thio]methyl]-1-(4-nitrophenyl)-3-undecyl-1H-pyrazol-5-yl]oxy]-1-hydroxy-2-naphthalenyl]carbonyl]- (9CI) (CA INDEX NAME)				



L14 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1988:560433 HCAPLUS

DOCUMENT NUMBER: 109:160433

TITLE: Development inhibitor-releasing coupler for silver halide color photographic material

INVENTOR(S): Ishige, Osamu; Kida, Shuji; Nakagawa, Satoshi

PATENT ASSIGNEE(S): Konica Co., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

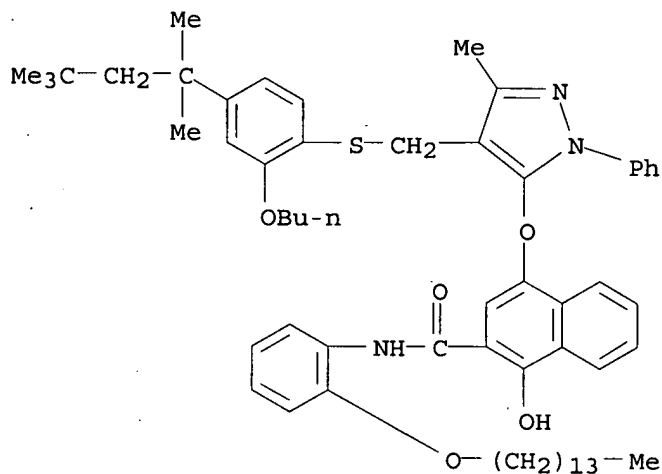
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 63027840	A	19880205	JP 1986-170762	19860722 <--
PRIORITY APPLN. INFO.:				JP 1986-170762	19860722
AB	A color photog. material having improved image sharpness and color quality and diminished contamination of developing solution is claimed which comprises ≥ 1 Ag halide emulsion layer containing a photog. useful group precursor and a compound which releases a reactive group or an agent forming a photog. useful group through reaction with the photog. useful group precursor during processing.				
IT	116826-62-1				

RL: USES (Uses)

(photog. development inhibitor-releasing coupler)

RN 116826-62-1 HCAPLUS

CN 2-Naphthalenecarboxamide, 4-[[4-[[[2-butoxy-4-(1,1,3,3-tetramethylbutyl)phenyl]thio]methyl]-3-methyl-1-phenyl-1H-pyrazol-5-yl]oxy]-1-hydroxy-N-[2-(tetradecyloxy)phenyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1984:42998 HCAPLUS

DOCUMENT NUMBER: 100:42998

TITLE: Light-sensitive photographic silver halide material

INVENTOR(S): Uemura, Morito; Kishi, Kenichi; Nakagawa, Satoshi; Kida, Shuji; Sugita, Hiroshi

PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd., Japan

SOURCE: Ger. Offen., 43 pp.

CODEN: GWXXBX

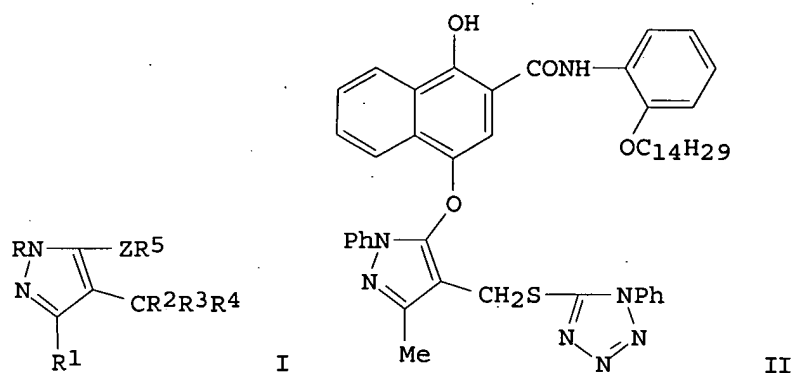
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3209671	A1	19821111	DE 1982-3209671	19820317 <--
DE 3209671	C2	19870402		
JP 57154234	A	19820924	JP 1981-39766	19810319 <--
JP 63061656	B	19881129		
US 4421845	A	19831220	US 1982-357149	19820311 <--
GB 2096783	A	19821020	GB 1982-7524	19820315 <--
GB 2096783	B	19850220		
PRIORITY APPLN. INFO.: GI			JP 1981-39766	A 19810319



AB Pyrazole compds. (I; R = H, alkyl, aryl, acyl, sulfonyl, alkoxy, or heterocyclyl; R1 = H, alkyl, aryl, alkoxy, amino, amido, sulfonamido, CO2H, alkoxycarbonyl, carbamoyl, CN, or halogenated alkyl; R2, R3 = H, alkyl, aryl; R4 = a development inhibiting group; R5 = a group that is eliminated under photog. processing or development; Z = O, S, or NR6 where R6 = H, alkyl, aryl, acyl, or sulfonyl or together with R can form a condensed ring) are described for use as development inhibitor-releasing compds. for incorporation in photog. materials. Thus, a subbed cellulose triacetate film support was coated with a red-sensitive gelatinous Ag(Br,I) (6 mol% AgI) emulsion containing a cyan coupler and II 0.1 mol.%. The resultant color material was then exposed and color processed to show a relative sensitivity of 85, a γ of 0.95, and a fog of 0.18 while a portion stored for 2 days at 60° and 80% relative humidity and then exposed and processed showed values of 85, 0.90, and 0.20, resp. The values for a control containing N-(o-tetradecyloxyphenyl)-4-(1-phenyltetrazolylthio)-1-hydroxynaphthamide 0.2 mol% were 88, 1.14, and 0.22, resp., and 80, 0.76, and 0.25, resp.

IT 88218-70-6

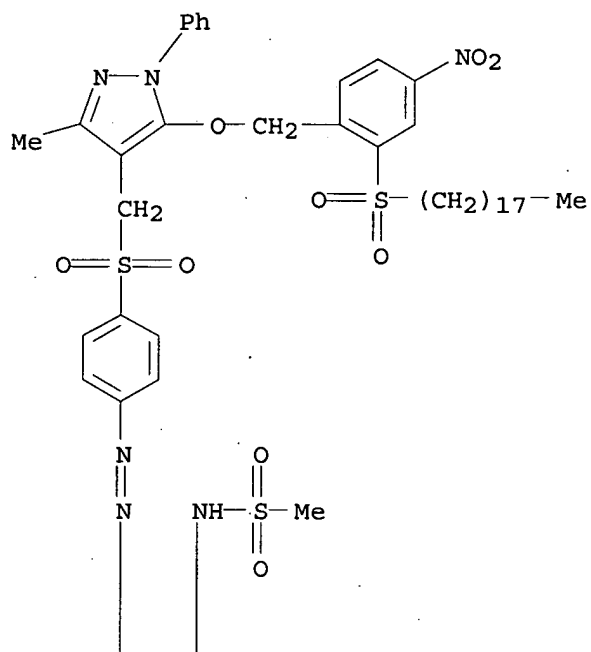
RL: USES (Uses)

(photog. dye-releasing compound)

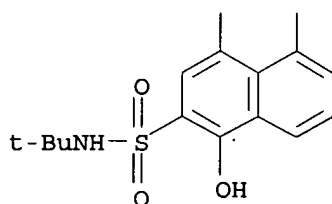
RN 88218-70-6 HCAPLUS

CN 2-Naphthalenesulfonamide, N-(1,1-dimethylethyl)-1-hydroxy-4-[[4-[[[3-methyl-5-[[4-nitro-2-(octadecylsulfonyl)phenyl]methoxy]-1-phenyl-1H-pyrazol-4-yl]methyl]sulfonyl]phenyl]azo]-5-[(methylsulfonyl)amino]- (9CI)
(CA INDEX NAME)

PAGE 1-A



PAGE 2-A


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COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE

ENTRY

57.83

SINCE FILE

ENTRY

- 7.02

TOTAL

SESSION

597.88

TOTAL

SESSION

- 8.58

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